Notebook, N-07-02-05

5170 Cont up

William H. Bass's
... STATIONER ...
Good Work Promptly
68 William Street,
New York.

No	cold	50	100	
350	812	840	841	
351	803	820	825	
352	806	832	837	
353	908	927	943	
354	911	945	965	
355	880	910	935	Co
356	912	912	886	
357	860	880	875	
358	885	892	892	Ni
359	850	850	840	
360	900	890	887	
361	923	917	908	Ni
365	950	945	940	
366	931	925	915	
367	943	917	900	Co
368	896	885	850	
369	826	835	842	
370	894	885	877	Ni
371	875	855	865	
372	850	852	850	
373	862	867	857	Co

354 – 400th seam

Bad Spl. for Emulsion

Next: 450 Run 2 runs; reworked Cyclone Labo

Av 885

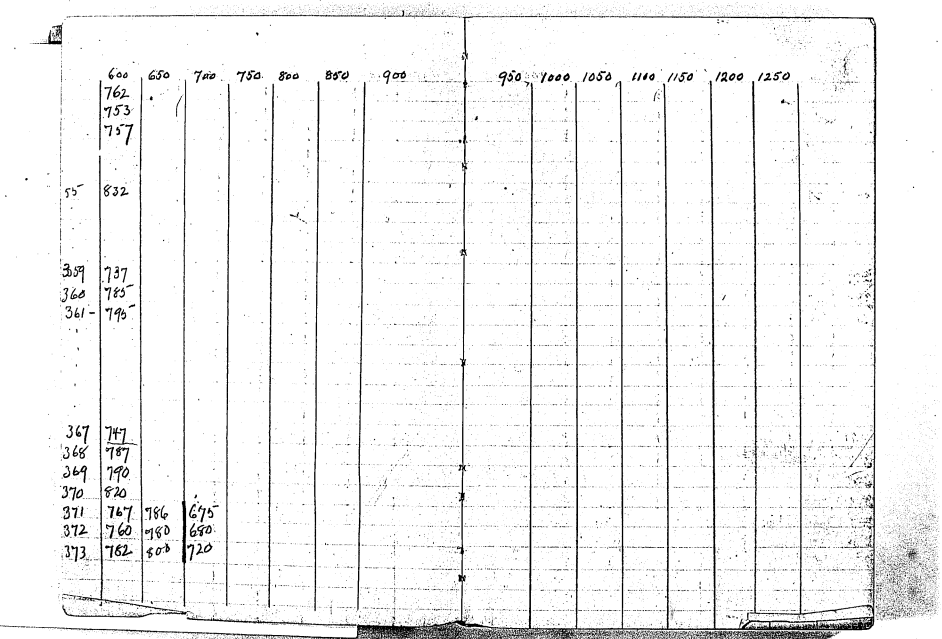
150	200	250	300	350	400	450	500	550	
827	827	807	791	772	775	808	807	886	
816	815	797	777	745	738	790	792	793	
825	822	812	790	753	738	788	796	780	
930	932	925	897	833	757	807	768	1632 ×	
955	942	916	835	735	683	660×	600 ×	450 ×	
912	915	910	897	862	842	880	878	887	
870	895	882							
867	868	857			Split				
862	857	837							
815	812	786	778	732	768	818	835	943	
877	860	840	827	792	808	845	862	918	
895	895	883	873	845	860	883	892	950	
890	882	850	821	770	741	815	767	612	
865	847	815	807	746	740	802	757	627	
850	832	813	811	750	748	815	817	768	
807	800	762	748	680	683	825	840	880	
813	815	777	687	721	712	811	820	880	
846	837	817	792	755	743	842	848	908	
837	820	813	786	747	755	820	812	805	
822	821	807	778	740	747	808	800	775	
832	815	775	740	715	787	826	832	825	

Split

Av 775

87.5

87½

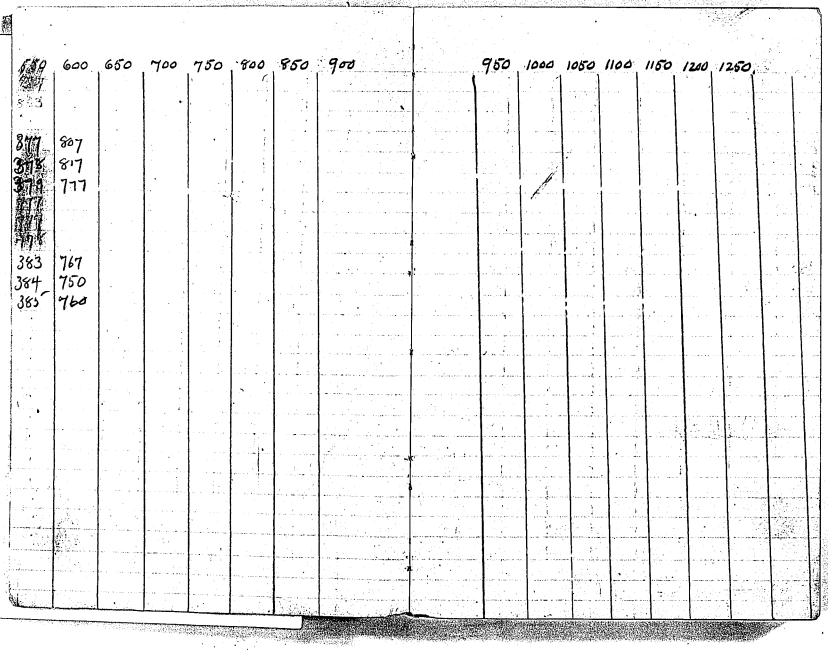

600 650 700 750 800 850 900 950 1000 1050 1100 1150 1200 1250
762
753
757
55 832
359 737
360 785
361 795
367 747
368 787
369 790
370 820
371 767 786 675
372 760 780 650
373 762 800 720

	No	Cold	50	100	150	200	250	300	350	400	450	500	
21000 abs to 21620 – 9000 Colfax 4500 gluecose Rings on after pkg mix slickly 5890 5893 5899	374	855	860	867	847	840	828	810	761	} Co			
	375	866	877	878	850	853	827	792	762				
Co	376	902	882	887	870	862	842	820	782				
Dup of 855 Except Ni Index 21000 observed to 21665 – 5991 5872 5915 –	377	925	920	917	903	910	900	891	880	870	857	850	
	378	915	925	896	882	890	885	880	865	881	875	853	
Ni	379	935	917	907	892	892	885	872	847	853	847	837	
21000 abs to 21615 – 3500 gluecose 9000 Colfax mix slickly + rings on before pkg 5890 5920 5897	383	883	895	888	882	870	860	845	803	810	792	770	
	384	877	896	888	885	870	878	860	812	817	802	790	
Co	385	883	896	900	892	882	880	857	818	830	805	787	
21000 – abs to 21700 – 9000 Colfax Co Index – 2500 gluecose – mix Ten slowly 3500 seconds each –	386	916	910	915	920	910	890	850*		} Co			
	387	933	925	942	932	897	862	743*	622				
5970 5940 5960 Co	388	955	950	948	933	917	907	842	837				
21000 abs to 21700. Corrugated – Crosby says sent Cor – they sent slickpac mixed rings after Corrugated 150 alumex 4000 glu –	389	882	902	890	891	865	850	795	767	} Co			
	390	765	862	875	876	850	857	822	788				
5817 5814 5828 Co	391	850	887	885	888	857	850	796	750				
21000 abs 21895 – 9000 Colfax 4000 glue Ni Index Corrugated rings put on 150 alumex mix slickly –	392	917	920	918	898	898	850	717	CO	split – cut in seam			
	393	870	875	880	860	850	807	687	CO	seam split –			
5993 5953 5854 – Ni	394	845	876	880	830	800	675	572	CO				
21000 abs 21900 – 9000 Colfax 4000 glu – Ni Index rings on after Corrugated	395	896	940	770	927	918	842	767	CO	split badly and ring broke			
	396	893	942	940	925	927	810	690	CO	split badly			
6253 6255 6101. Ni	397	892	922	920	912	917	772	660	CO	Shredded – split badly			

* 396 swelled – Rubb.

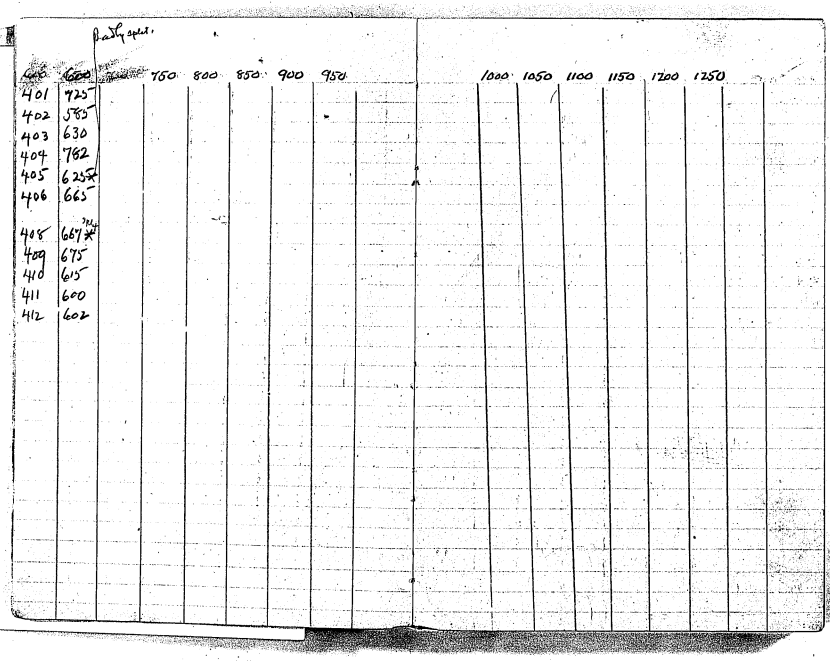
387 " – split badly

Corrugated 21000


600 650 700 750 800 850 900 950 1000 1050 1100 1150 1200 1250
807
817
777
767
750
760

	No	Cold	50	100
3000 Co fl., 2000 mixed 21639 spray 4000 glue range on before pkg	401	850	868	885
	402	857	870	864
5588 5644 5593 Co	403	840	857	878
21900 — 7000 Co flakes - mix Leon sticky Horn mixed in	404	962	981	998
	405	900	915	940
6365 6315 6230 Co	406	932	925	940
22140 — 6000 Co flakes mix Leon sticky Horn mixed	407	1000	987	992
	408	843	862	906
6290 6265 6137 Co	409	895	897	894
5000 Co flakes —	410	906	925	904
	411	893	907	884
Co	412	922	940	927
4000 Co flakes	413	856	892	865
	414	936	915	885
Co	415	957	917	921
3000 Co flakes	416	927	940	912
	417	902	917	827
Co	418	928	907	815
2000 Co flakes -	419	993	780	697
	420	992	815	663
Co	421	950	872	751
Corrugated pkg without Horn Chem + rings, post wt	422	767	855	875
	423	792	855	900
Co	424	753	900	918

150	200	250	300	350	400	450	500	550	
850	841	827	822	805	800	800	790	743	
862	865	831	796	760	776	745	775	667	Co-
862	855	812	822	752	800	742	753	682	
987	978	968	953	905	900	865	837	847	
915	937	927	922	897	872	822	760	721	
915	890	856	853	840	858	787	756	710	
955	943	885	852	857	846	755	782	572	Co
880	886	882	860	828	812	770	837	768	split
867	866	835	833	815	818	752	852	746	
890	875	838	817	785	790	745	700	700	
845	817	665	782	742	735	700	675	692	Co
887	860	805	785	811	758	745	712	697	
825	712	700	687	650					
807	750	712	707	705	Co				
846	840	767	767	762					
770	747	685	682	670					
771	737	738	682		Co				
720	712	677	660	622					
602	592	550	568	CO					
572	530	530	537	CO					
625	590	562	562	CO					
837	696	600	477	CO					
907	775	670	561	CO					
865	731	635	525	CO					

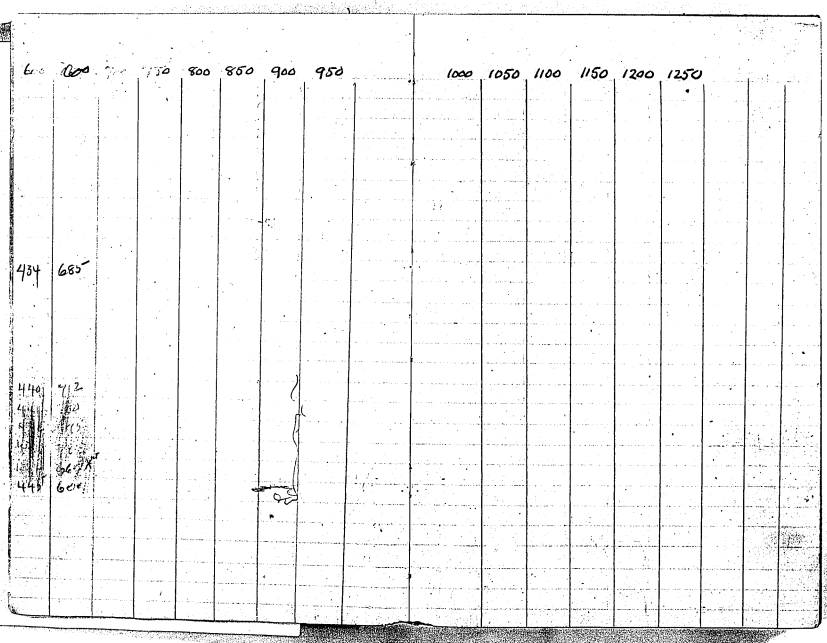

Apt.
750
800
850
900
950
1000
1050
1100
1150
1200
1250
401 725
402 585
403 630
404 782
405 625
406 665
408 667
409 675
410 615
411 600
412 602

	NO	Cold	50	100
corrugated after soaking 2 days ligh - then 1 day pull exp	425	815	865	886
	426	841	887	902
Ni	427	850	905	900
Mix dried before plcq	428	837	841	938
	429	850	865	868
Co	430	837	842	850
"	431	776	801	785
	432	812	822	806
Ni	433	837	835	817
changed to brown rose in heavy chgs to brown rose in 10 chgs 10 - then this exp	434	868	907	896
	435	862	920	911
6305 c211 6355 Co	436	892	923	931
plcd with U charged rod -	437	823	843	843
	438	845	870	867
Co	439	822	842	857
Copper Hg brown Recovered	440	842	845	847
	441	818	842	850
Co	442	842	820	855
Copper Hg brown Recovered	443	855	862	875
	444	880	885	895
Ni	445	850	875	885
flat pkts.	446	466	490	492
	447	450	487	450
	448	473	502	485

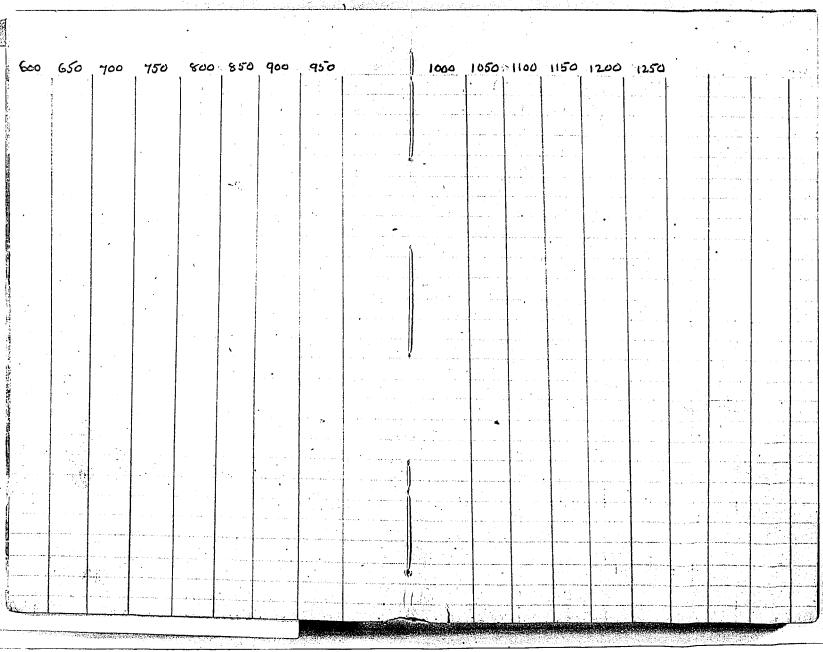
* 445 standard to split.

X split

150	200	250	300	350	400	450	500	550
800	877	800	796	648				
832	890	827	750	683	Co			
830	831	822	662	630				
860	818		792	746				
832	840		812	788	Co			
830	830		822	788				
787	752	755	703	710				
807	787	787	773	750	Co	slightly gold matt on		
815	783	767	742	713				
916	910	892	873	845	857	792	795	763 Co
920	911	880	858	833	837	765	762	697 Ni
925	913	900	880	841	822	777	742*	660 Ni
837	817	782	760	732	727	700	677	Co
858	841	822	805	757	760	702	700	
870	865	822	803	795	798	735	730	
857	841	840	817	815	787	785	762	712
860	842	850	832	840	807	822	830	780
866	848	860	845	850	825	837	838	795
885	867	880	862	862	792	780	720	762
900	888	892	872	875	775	770	712	669
892	868	865	835	840	722	692	650	600 *
485	428	402	415	363				
442	400	397	420	367	Co			
467	437	442	390	402				
				91% Ni				


800
850
900
950
1000
1050
1100
1150
1200
1250
434
685
440
612

	20	Cold	50	100	150	200	250	300	350	400	450	500	558
flat plate	449	455	471	480	450	388	410	380	351				
	450	450	487	470	432	393	400	407	377	Co			
assembled with old cores	451	807	827	826	808	797	795	772	721	743	697	692	697
	452	830	861	846	832	850	835	817	785	777	753	745	721
Co	453	797	846	843	838	812	792	762	725	772	737	717	656
Dup of 451	454	827	857	850	845	837	822	800	749	732	667	690	Co
	455	846	881	862	850	837	830	807	755	750	720	735	
Ni	456	830	835	833	822	827	830	810	753	767	745	765	
1600 porous system - 21600 -	457	775	810	812	825	800	792	757	720				
	458	750	810	800	808	785	775	740	688	Co	Splotmarm		
Co	459	750	780	777	780	752	750	716	675				
Dup of 457 more H_2O added 22060 -	460	835	857	830	810	790	770	770	697	682	630	640	581
	461	895	925	920	920	930	917	910	862	877	855	875	866
Ni	462	835	886	871	883	875	862	850	825	810	785	800	787
glucose 3500	463	812	843	840	832	817	800	761	792	772	720	728	Co
	464	822	871	858	847	820	800	787	781	780	682	696	
Co	465	833	847	850	825	842	827	813	793	782	732	735	
glucose 3500	466	875	871	868	850	838	825	815	737	718	670	695	Co
	467	868	871	877	875	850	842	835	800	792	762	782	
Ni	467½	845	871	850	853	825	817	792	750	745	700	727	
glucose 3500 7000 Co Gel	468	832	590	840	877	752	712	712	637				
	469	855	850	832	815	782	725	766	677	Co			
Co	470	868	887	886	856	812	795	790	732				
									715		837		
									899				
									2114				


600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

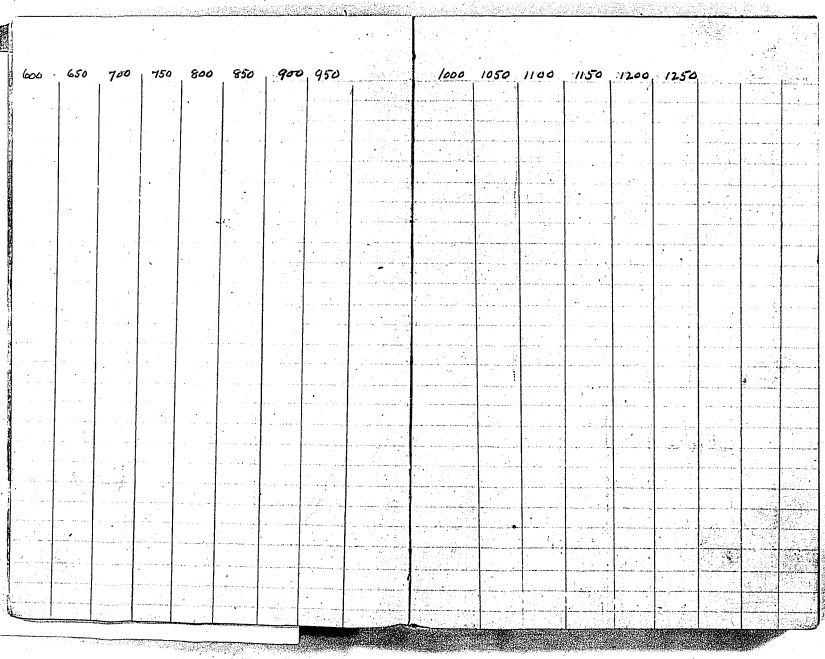
		No	Cal	50	100
Oval rings –		474	827	850	852
		475	817	835	840
	Co	476	802	836	832
Oval rings		477	881	908	905
		478	880	895	905
	Ni	479	923	941	955
Remnant 356 – Ni rings –		480	892	897	907
	Co	481	897	900	915
Remnant 368 + 371 –		482	845	843	843
		483	825	842	838
	Ni	484	812	837	834
Remnant 371 – 374 – duplicating 368		484½	862	900	900
		485	872	896	858
	Ni	486	832	851	862
Remnant 401		487	872	893	891
	Ni	488	855	860	892
Dup of 404	Co	490	968	921	886
Remnants 410	Co	491	935	900	866
" 413	Co	492	1025	936	863
" 350	Co	493	768	800	803
" 383	Co	494	865	885	897
"	Co	495	843	783	887

× split

150	200	250	300	350	400	450	500	550	
837	810	802	776	811	772	750	832	730	
837	808	800	785	777	745	766	788	737	Co
827	808	805	785	780	762	740	807	760	
900	875	865	835	812	817	800	750	715	
906	902	862	850	825	777	735	642 ×	682 ×	Co
941	925	912	900	780	885	885	870	845	
892	903	892	885	808	850	845	862	840	
910	913	893	906	887	870	865	816	846	
817	831	822	832	825	807	812	815	797	
827	835	820	823	825	812	800	816	782	Co
822	838	812	800	782	765	755	725	762	
900	891	890	865	843	902	877	902	865	
882	860	867	870	887	880	862	892	828	
850	842	837	792	787	850	840	872	808	
880	844	830	821	833	850	822	840	815	
871	850	832	823	813	850	832	841	826	
838	827	840	773	750	755	822	697	592	Co
800	786	780	745	730	797	767	776	717	Co
830	785	750	700	Co					
805	783	777	755	741	757	735	747	727	Co
898	878	870	857	862	882	862	892	861	
885	871	850	850	850	862	837	867	850	

873
72

905
893
916

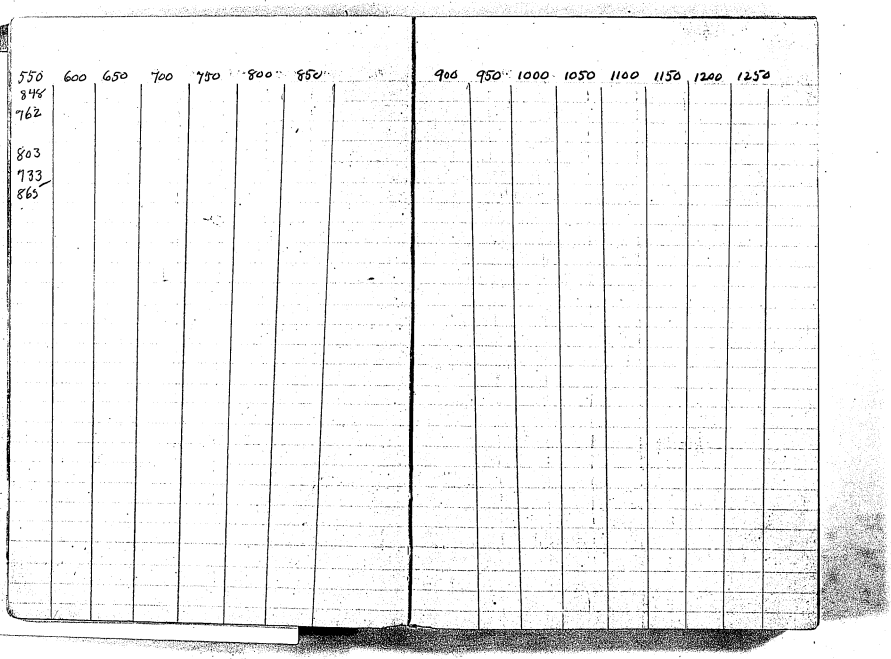

600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

		No	Cold	50	100
Remainder 365		496	950	936	937
		497	922	891	872
	Co	498	897	892	905
New Cu Hg New		499	947	850	865
		500	847	847	841
	Co	501	847	917	915
Co off Cake not run Nitro Hydrogen		502	892	892	900
	Co	503	850	872	868
"		505	877	892	900
	Ni	507	850	867	857
50 Single Tampo		508	772	765	787
		509	750	767	767
	Co	510	762	765	768
50 Single Tampo powdery mixture Cracks		511	912	930	955
	Ni	512	938	950	945
25a. Alkaly K Silicate.		514	845	866	857
		515	847	838	832
	Co	516	780	800	791
"		517	821	847	830
		518	792	800	790
	Ni	519	847	847	840

		150	200	250	300	350	400	450	500
		908	900	875		871	937	906	893
		850	827	800		792	860	822	820
	Co	900	857	778		750	650	550	443 x
		852	822	815		815	848	820	837
		825	807	785		770	776	765	760
	Co	916	910	900		894	917	885	922
		885	860	850		830	900	837	855
	Co	867	831	825		800	850	815	850
		865	830	827		783	882	850	899
	Ni	838	817	820		761	847	825	867
		755	731	732					
		727	710	700	Co	Swollen on bottom stopped in a little.			
		725	687	662					
		952	950	937		940	945	907	952
	Ni	933	910	877		771	935	900 X	933 X6
		845	828	815	772				
		833	821	817	797	Co			
	Co	785	777	757	690				
		830	808	802	772				
		792	770	771	725	Co			
	Ni	842	835	820	790				

5 (A) Split

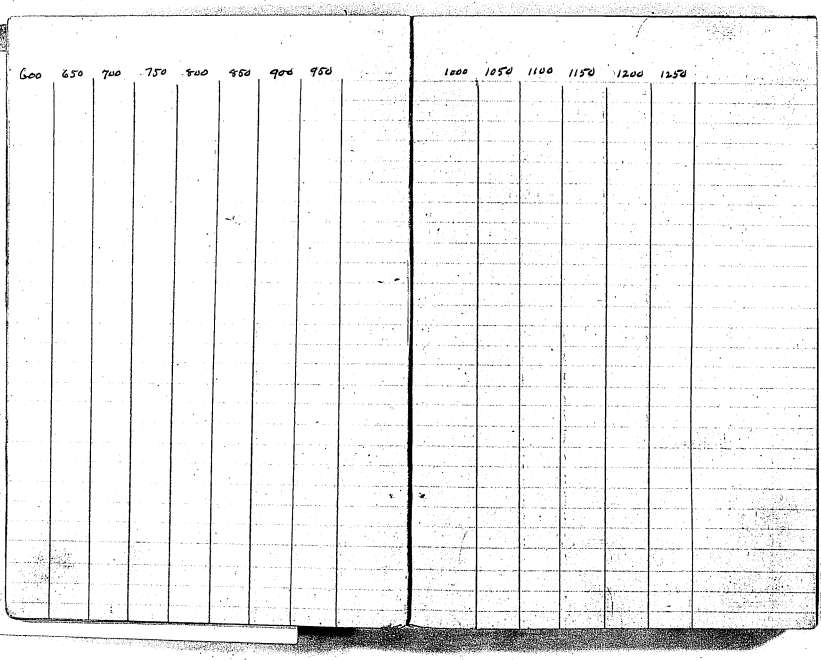
> Removed wash in light after boiling Split in plug


550 600 650 700 750 800 850 900 950 1000 1050 1100 1150 1200 1250
848
762
803
733
865

250 mlg Cu Sulfate	No	Cu'd	50	100
	525	795	830	832
	526	802	846	850
Co	527	815	845	837
	528	750	775	777
"	529	737	745	755
Ni	530	781	806	800
250 mlg Bismuth Nitrate	531	822	840	855
	532	815	817	847
Co	533	813	840	850
	534	825	857	898
"	535	792	832	872
Ni	536	828	860	900
250 mlg K Manganate —	537	816	875	900
	538	836	887	907
Co	539	775	842	847
	540	875	890	916
"	541	888	897	917
Ni	542	900	915	935
250 mlg Lead Oxide	543	750	800	807
	544	745	767	750
Co	545	821	813	780
	546	855	898	886
"	547	850	886	875
Ni	548	812	886	868

150	200	250	300	350	400	450	500	550
840	845	840	825					
850	850	837	806	} Co				
840	842	833	815					
775	788	762	762					
770	762	761	737	} Co				
802	796	790	757					
812	800	737						
810	807	750	} Co					
826	802	777						
875	867	850	887	850	780	775		
850	842	832	822	825	760	745	} Co	
876	867	845	822	820	747	732		
870	870	835	821	817	650	Co		
870	870	812	752	725	595			
821	800	770	752	712	485			
887	887	870	837	825	788			
887	895	877	847	812	744	} Co		
908	900	880	775	765	680			
825	823	802	782					
765	760	755	732	} Co				
792	787	786	750					
900	903	896	880	890	852	818	767	
872	875	845	822	815	800	740	725	} Co
875	862	850	812	810	792	732	735	

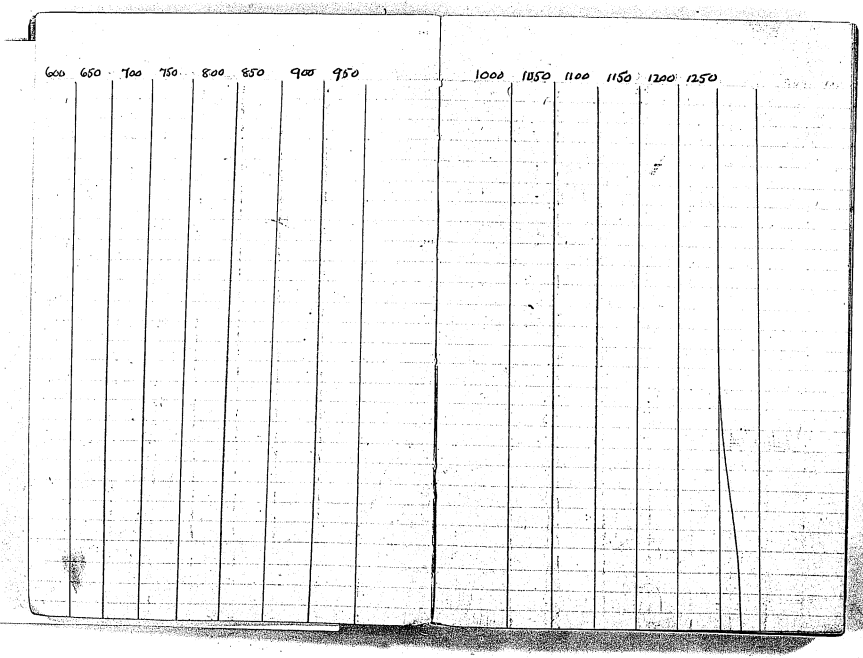
597-5-9 - Reversed anions 2 sp. Hyd Rem
Rem 4th rem 837 777 } 92% of max
894 733


600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

561 – 765
562 720 } after 500 Rems treat bench Cy
563 – 824 } Recovered best since 2 days

	No.	Cool	50	100
100 mily each Ba Off	549	827	840	850
Co Off	550	812	800	856
Co	551	827	855	871
"	552	882	885	910
"	553	862	842	886
M	554	846	855	881
250 mily Sb Hydroxy	555	801	840	823
Co	556	835	845	835
	557	796	800	788
"	558	868	877	880
"	559	870	877	885
M	560	862	896	886
250 mily K Chloride	561	832	885	866
	562	855	891	881
Co	563	882	912	903
"	564	850	878	870
"	565	867	900	890
M	566	883	900	890
100 single Temp	643	700	817	795
	644	795	815	802
Co	645	797	825	820
"	646	807	855	866
	647	795	845	866
M	648	793	830	830
21600 Cl Ester	567	837	838	
250 mily Tilanate Pl Ester	568	825	818	
	569	807	820	

150	200	250	300	350	400	450	500	550
850	855	832	637	615				
817	857	840	695	712				
820	802	750	662	649				
896	910	750	705	667				
850	890	840	722	717				
850	870	870	583	650				
847	792	815	715	795				
850	800	781	547	665				
800	730	735	522	650				
880	855	850	722	727				
900	881	870	750	660				
885	867	880	757	840				
875	850	845	792	750	747	645		
885	862	846	792	750	730	633		
910	897	892	855	835	823	743		
880	877	883	860	852	865	835	840	
900	897	898	865	860	862	817	812	
897	887	886	842	830	800	787	750	
787	742	737	693					
795	770	762	750					
820	787	783	755					
850	845	850	817	810	850	827	875	817
860	837	847	825	787	872	827	865	820
836	820	835	817	807	845	812	850	800
757								
737								
766								


600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

	No	Cold	50	100
100 Double Temp	649	850	877	841
	650	800	887	835
Co	651	831	825	877
	652	890	917	932
"	653	908	936	950
Ni	654	927	950	940
75 Double Temp	655	915	900	930
	656	840	875	881
Co	657	865	880	895
	658	920	967	982
"	659	910	941	955
Ni	660	953	973	996
75 single T	661	841	903	915
phly unetched	662	905	906	930
C	663	878	900	907
75 Single T	664	772	803	787
	665	775	796	788
Ni	666	792	803	795
flake Thro 50 mesh	673	895	882	885
	674	922	911	936
Co	675	612	920	935
only 40 on flake	676	1024	945	895
Thro 50 mesh	677	1032	976	890
Co	678	1052	930	762

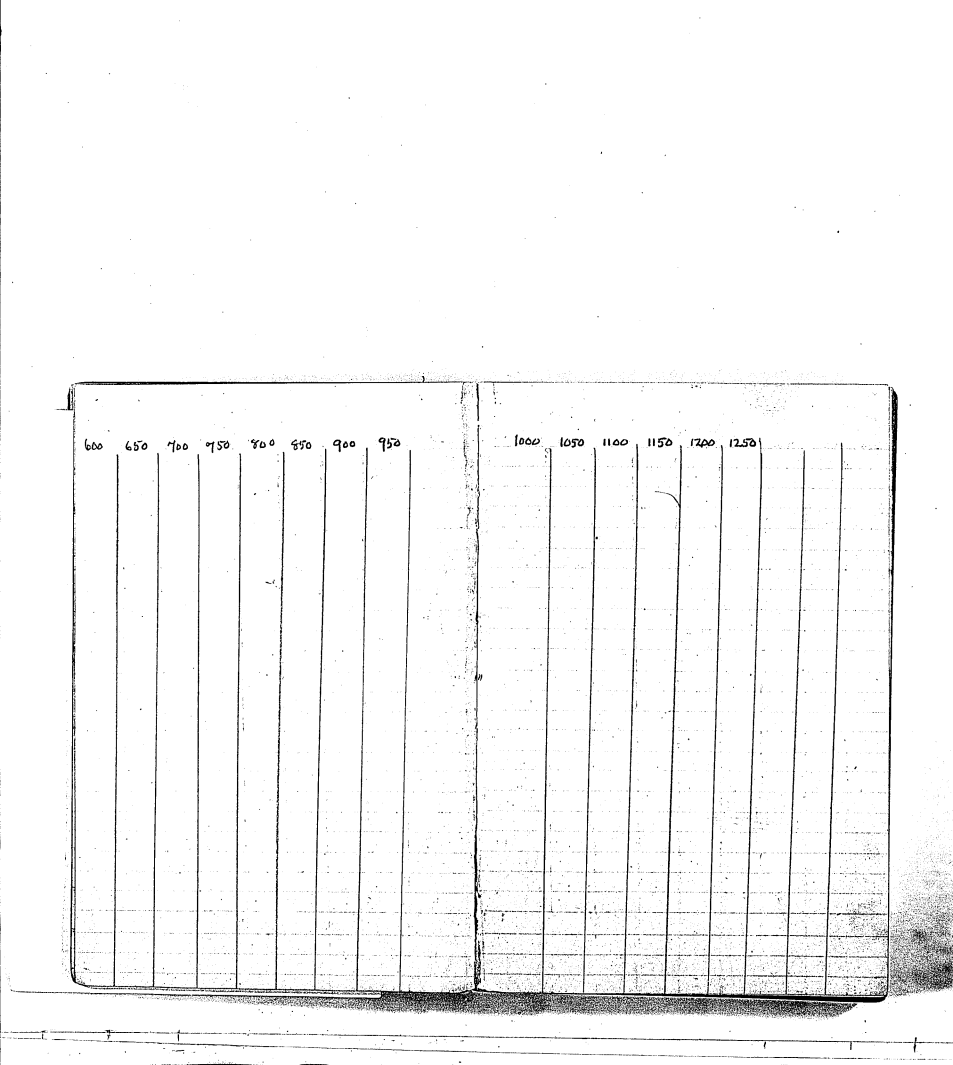
Split

Powder Broken

Flake

Seam aged again flake thro 50 mesh

150	200	250	300	350	400	450	500	550	
891	875	891	865	845	875	817	830	780	
836	813	813	790	775	793	788	767	900	
872	857	852	860	812	850	817	802	740	
925	912	922	912	892	932	900	937		
955	950	950	947	925	932	917	946		
950	941	945	955	937	957	925	945		
922	906	897	878	848	927	900	907 X	837	
873	845	797	782	675	672	567 X	505 X	632 X	Co
887	870	850	807	775	822	792 X	775 X		
987	975	967	957	910	955	935 X	960		
948	942	932	890	835	950	905 X	917		
995	978	967	940	906	982	937	952 X		
912	892	886	877	870	900	862	877	805	
921	900	877	822	765	800	747 X	715 X	600	Co
912	890	880	857	815	883	835 X	832 X	745	
790	760	745							
792	767	772	Co	Seam split badly					
800	770	765		Slightly flaked in					
885	806	812	775	735	842	787	787	780 X	Ni
916	900	885	870	831	900	887	885	807	
916	897	853	860	845	912	867	840	712	
782	727	717	697						
817	732	740	695	Co					
737	692	687	657						

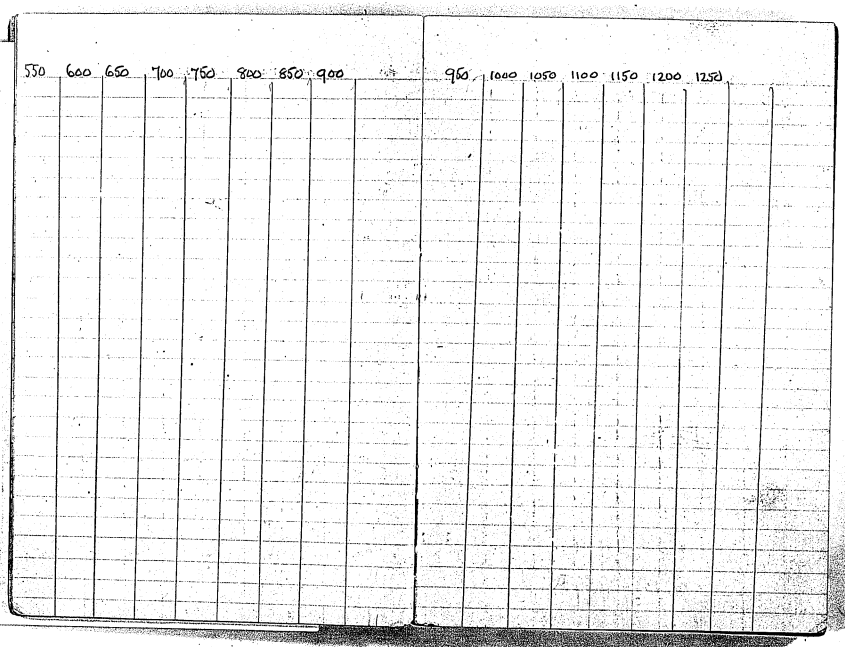

600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

	No	Col	50	100	150	200	250	300	350	400	450	500	500
only 2000 flake thro 50 mesh	679	1023	665	565	550	477	Co						
	680	830	630	520	550	472	CO						
Co	681	925	617	442	442	392	CO						
only 2000 flake thro 50 m 3:4 Coke flat plots	685	461	357	362	335	350	CO						
	686	462	340	350	323	350	CO						
	687	413	337	360	343	357	CO						
	688	411	362	366	330	335	CO						
	689	452	352	347	321	317	CO						
21000 absld to 25485 - 4000 Co flake 4000 glue 50 DT very wet mix Stirling- Co	707	720	820	812	767	572	Co						
	708	867	953	972	941	772	Co						
	709	800	926	967	772	520	Co						
Reg green absld water 24 hours Gallejani - Ni	710	993	1060	1025	925	721	Co						
	711	1023	1056	1057	1025	872	Co						
	712	1020	1065	965	791	632	Co						
Reg green absorbed Continuous 24 hours Co	713	935	931	935	842	660	Co						
	714	921	956	925	947	818	Co						
	715	825	940	917	876	753	Co						
Soaked in H_2O without Changing water for 48 hours then measured. Co	722	885	806	940	781	750	733	Chgd to neat 18 - also reactions + variance -					
	723	805	821	805	821	807	813						
	724	942	857	807	775	757	755						
Co later Reg - 21% Caustic Soda - Co	725	822	822	822	750	792	782	750	717				
	726	845	852	845	821	817	800	787	772	Co			
	727	836	827	820	797	787	777	750	737				
	728	868	867	848	833	827	817	782	790	Co			
" Ni	729	886	860	857	832	810	810	736	750	Co			
	730	885	915	887	857	850	845	820	825				

777 / 813 / 813 — Co (Co) Co by the manipulations made by the Jerome —

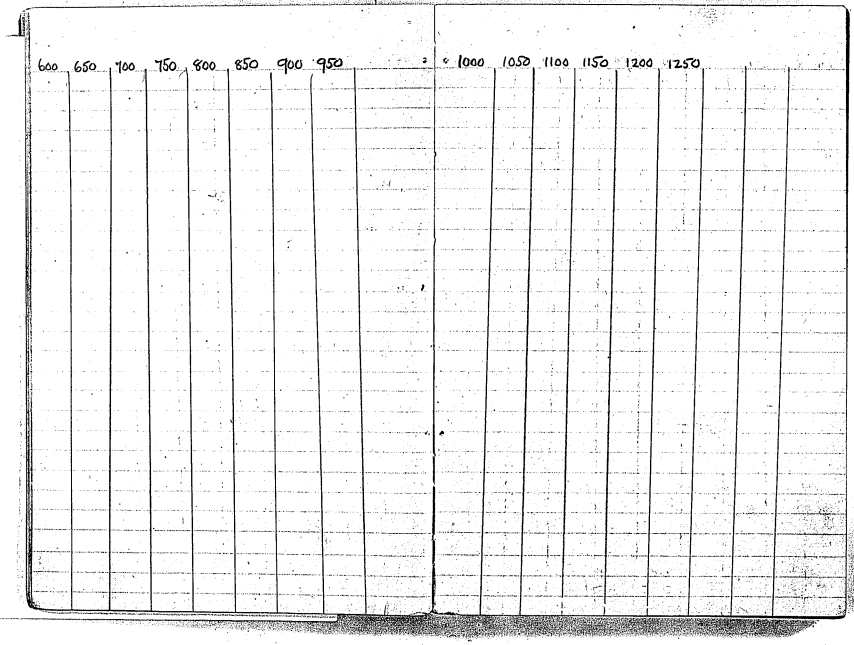
all burned very bad —

split — 2 pieces — 6 ply split —


550 600 650 700 750 800 850 900
950 1000 1050 1100 1150 1200 1250

15% Caustic Soda.	No	Cold	50	100	150	200	250	300	350	400	450	500	550	
	731	800	857	840	825	827	797	772	773	750	740			
	732	778	800	812	790	797	780	775	760	750	762	Co		
Co	733	757	825	795	791	795	782	762	750	733	745			
	734	757	835	825	807	812	800	762	735	660	742			
"	735	717	800	790	775	770	750	725	715	687	715	Co		
Ni	736	742	807	806	780	787	767	745	750	748	750			
Run Cold														
	752	900	985	993	955	1000	1002	987	1005	962	967			
	753	802	880	887	861	880	885	882	890	858	862			
Co	754	815	925	938	912	917	944	937	950	910	922			
	755	800	917	913	900	922	920	900	922	853	870			
"	756	877	967	980	972	987	980	972	987	938	945			
Ni	757	917	997	1010	990	972	996	987	1015	955	975			
Run Cold Co	758	831	950	967	927	960	962	948	965	960	930			
	759	832	918	940	903	930	945	915	937	937	900			
	760	895	992	1000	967	997	1012	977	1037	1000	957			
	761	960	1030	1045	1040	1055	1055	1030	1055	1050	1012			
"	762	877	950	972	965	982	997	982	1010	1013	970			
Ni	763	945	1025	1032	1017	1030	1033	1020	1048	1032	1007			
Rig soaked one week in 2% Soda put on test	773	842	842	840	792	762								
	774	825	845	842	823	772	Co							
Co	775	872	850	847	787	*685								
	776	900	900	872	833	777								
"	777	855	900	900	862	832	Co							
Ni	778	882	910	907	910	892								

* 775 rung slipped & rewelled


600 650 700 750 800 850 900 950
1000 1050 1100 1150 1200 1250

	No	Cold	50	100	150	200	250	300	350	400	450	500	550	600
3:4 Reg Coflake mix														
100 almos smooth	827	518	507	490	437	450	480							
250 almos Coarsely	828	480	500	472	407	463	435							
	829	487	482	468	462	462	392	Co						
	830	517	502	455	412	430	390							
	831	432	465	430	376	367								
Reg but green mixed Co	903	767	872	860	842	817								
Long Time to ensure distribution + breakup aggregate - mix sticky Bubbly	904	828	877	867	815	790	Co							
	905	830	882	835	775	735								
	906	892	945	922	925	875	841	817	840					
"	907	840	895	900	875	845	850	842	850					
Mi	908	875	915	910	875	825	820	790	839					
42000 lino 20 - 20 cc	1130	853	893	915	792	772								
Ethyl ac - 18000 flake	1131	905	921	925	860	883	Co							
4000 glue Co	1132	852	875	875	832	820								
	1133	895	915	920	900	875	807	718						
"	1134	907	938	950	887	893	797	700	Co					
Mi	1135	925	943	947	883	850	762	638						
42000 - 18 cc ethyl ac -	1142	792	867	892	812 *	775								
9% - 15000 flake C.	1143	800	847	860	350 *	615	Co							
Some gluten mucilage with water Sled st Co	1144	887	948	957	892	827								
	1145	797	903	905	847	825								
"	1146	840	928	932	862	815	Co							
Mi	1147	900	953	932	792	781								
42000 - 19cc Ethyl manipulate	1148	870	920	922	817	837								
- wt till weight 51480.	1149	827	840	817	745	696	Co							
still damp 18000 flake C.	1150	906	903	875	820	815								
8000 glue Co														

* 1142-3 - Split in 3 pieces

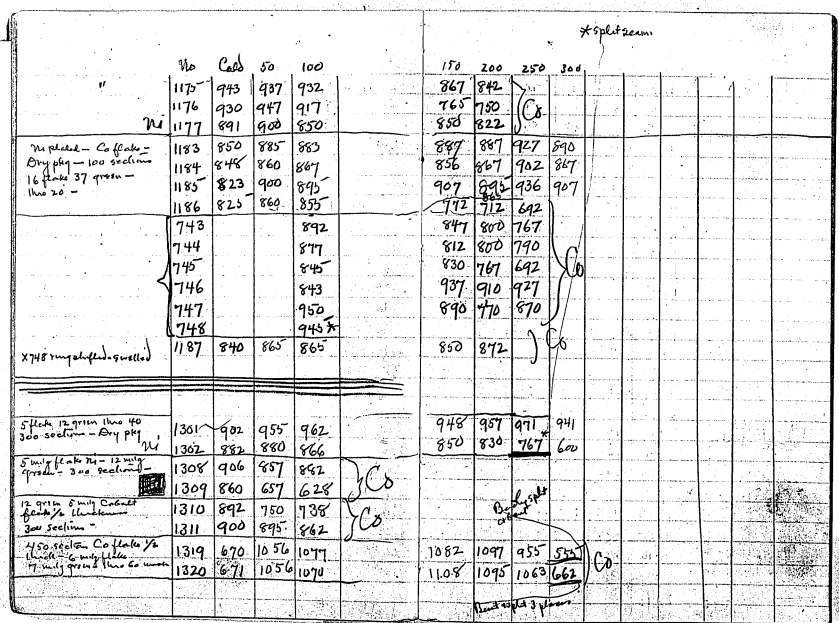
	No	Cold	50	100	150	200	250	300	350	400	
"	1151	945	967	985	920	905	870	812*	987	687	
"	1152	927	961	972	912	910	880	837	912	675	Co
Ni	1153	908	903	937	822	775	805	557	515X		
42000 18 cc Ethyl Scent. of which 8 cc Glycerol. Total 18 cc Above Co Plate mix stuck Cakes on plunger Co	1154	770	887	887	777						
	1155	827	866	865	792	Co					
	1156	817	880	835	755						
"	1157	871	947	950	830	797					
"	1158	858	938	942	872	846					
Ni	1159	847	898	900	825	795					Co
42000 18 cc Ethyl of which 6 cc glycerol 18000 flasks Co 8000 gh Co	1160	772	822	822	783						
	1161	781	845	852	761a*	Co					
	1162	776	816	832	750						
"	1163	881	940	940	765						
"	1164	890	960	962	770	Co					
Ni	1165	858	860	837	800						
42000 18cc Ethyl of cohol 8 cc glycerol. Put in Early sizing to End plunger Co	1166	866	858	842	700						
	1167	815	800	762	713	Co					
	1168	878	867	827	740						
"	1169	926	950	940	732						
"	1170	923	968	965	725	Co					
Ni	1171	947	972	927	771						
18 cc ammonium Ethyl- Co	1172	845	880	882	717*						
	1173	908	900	900	825	Co					
	1174	900	907	897	832						

* 1161 Split 6 only

X 1172 Split at 5 only.

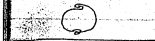
* split at 5 cm —

Barely split + broken


* split seam
No Cobb 50 100
150 200 250 300
1175 943 937 932
1176 930 947 917
1177 891 900 850
867 842
765 780
855 822
Co
1183 850 885 883
1184 848 860 867
1185 823 900 895
1186 825 860 855
887 887 927 890
856 867 902 867
907 895 936 907
792 712 692
Mr plaited – Co flake – Dry pkg – 100 section – 16 flake 37 green – Thro 20 –
743 892
744 877
745 845
746 843
747 950
748 945 *
847 800 767
812 800 790
830 767 692
937 910 927
890 770 870
Co
X748 mr plaited. swelled
1187 840 865 865
850 872
Co
5 flake 12 green Thro 40 300 section – Dry pkg Mr
1301 902 955 962
1302 882 880 866
948 959 971 941
850 830 767 * 600
5 mily flake No – 12 mily green – 300 section
1308 906 857 852
1309 860 657 628
Co
12 grn 5 mily Cobbett flake 1/2 thickness 300 section –
1310 892 750 738
1311 900 895 862
Co
450 section Co flake 1/2 thick – 6 mily flake 7 mily green Thro 60 sections
1319 670 10 56 1077
1320 671 1056 1070
1082 1097 955 535
1108 1095 1063 662
Co
Mr plaited 3 years

	No	Cold	50	100		150	200	250	300	
Annealer one, 300 section 5" Ni floats 12 grams brass 9½ Pb₃O₃	1331	750	827	743	Co					
	1332	737	820	782						
Annealer one 5" Ni floats 12 g/100 c 300 tubes - cane with Effigy	1335	600	465	Co						
	1336	650	545							
Annealer one 5" Ni floats 12 grams brass 60 tubes with 300 deep cane of each	1337	781	870	905		910	932	922	727	Co
	1338	680	877	936		938	932	885	775	
300 tubes in Dry 5 Co Ni floats with Carbon glass 12g Pb Annealed on heater 1½ hours 60 -	1329	825	882	852	Co					
	1330	858	900	852						
Packed with plunger	1383	705	Co							
	1384	797								
	1385	715	Co							
	1386	757								
	1387	763	Co							
	1388	800								
	1397	876	Co							
	1398	851								
	1399	775	Co							
	1400	850								
Ecrasé -	1401	832	Co							
	1402	857								
	1403	827	Co							
	1404	838								
	1405	702	Co							
	1406	786								
10 floats G 24 grams Annealed with them put in Tubes of Furnace -	1407	736	Co							
	1408	780								

	No	Coil	50	100	
Rivers of heat passage - Temp flake Rivers -	1409	687	Co		
	1410	640			
Temp Coil 15/1000 less dia	1411	865	Co		
	1412	867			
30/1000 less dia -	1413	900	982	975	Co
	1414	875	950	920	
60/1000 less dia	1415	925	857	790	Co
	1416	902	910	762	
10 flakes 24 g. 2 1/2 lb cent -	1417	815	Co		
	1418	840			
1 1/2 lb cent -	1419	740	Co		
	1420	750			
Hole Rivs Centers of mix - 1/16 -	1442	800	Co		
	1443	787			
150 sections - Ni Tubes	1252	900			
Co flake	1253	911			
New plunger	1254	895	Co		
	1255	900			
	1256	887			
Ni Tubes	1218	910			
Ni flake	1219	892			
150 sections -	1220	897	Co		
green 1st -	1221	900			
	1222	897			

	No	Cobs	50	100		150	200	250	
Ni plated tubes flake 1st 150 sec Co flake	1242	900	975	985					
	1243	880	967	977					
	1244	923	952	982	Co				
	1245	907	857	872					
	1246	960	980	990					
Tubes dried outer tubes before assembling Others saturated with Ethyl	1292	913	925	897					
x Indium	1293	887	590	570	Co				
150 sec time 743	1294	857	572	575					
DT -	1295	963	920	910					
	1296	943	935	915					
150 sec time drop flake Graphite	1297	621	597	582		570 575	555 585	626 625	625 632
	1298	627	592	595					
Tubes wet with glycerine 10 flake Co 24 from	1425	847	Co						
	1426	797							
10 flake 24 from Burns outside	1432	838	Co						
	1433	845							
Burns filed off	1444	903	961	960					
Burns inside -	1445	902	917	942	Co				
Burns more filed off	1446	900	937	962					
	1447	892	940	912					
	1434	860	Co						
	1435	887							
	1436	862							
	1437	872							

	No	Cold	50	100	
U	1438	850			
	1439	875			
same U	1440	865			
	1441	850			
Spiral tube N	1448	830	Co		
	1449	820			
No rings only spiral tube -	1450	840			
	1451	832			
2400 gm flow filled 1/2 off	1452	875			
	1453	882			
Burn all flesh off -	1454	880	895	830	Co
	1455	912	940	867	
Rogero No 1 gm flow	1456	887			
	1457	867	Co		
Rogero No 2 gm flow	1458	875			
	1459	877			
Packed with Rubber Tipped plungers 5 mls/½ minute @ 24 grams	1345	937	1007	960	
	1346	925	982	967	
10 Co flesh 24 grams then 25 OT simultaneously	1358	772	885	920	
	1354	875	937	968	
ditto Cont put in seperately	1355	742	907	937	Co
	1356	670	877	882	
ditto to mark simultaneously	1357	820	942	985	
	1358	850	982	998	
ditto flesh 1st	1359	645	855	872	
	1360	700	895	915	

	No	Cond	50	100		150	200	250		
	1389	802								
	1390	790								
	1391	832								
	1392	831								
	1393	810								
	1394	833								
Rough-	1395	857								
	1396	885								
Rogers opened eyelet eyes very well planted - 60 fires less than 1 hour - 10 eyelets 24 green 1 blue 20 No 1 style - 4 green flakes ½ open but pale green after 4:41	1464	1025	1087	1047	24 x	1022	1062	930		
	1465	1045	1050	1020		1012	1005	862	Co	
	1466	1060	1065	1026		990	968	841		
Dup of above No 2 style - Hubergreen open a minute time 4:27	1467	1087	1012	976	23 —	910	912	785		
	1468	1075	1073	977		905	925	770	Co	
	1469	1060	1067	1015		937	950	803		
Rogers eyelet. 2400 perf Reg sized perf per 10 of 24 & then 20 of 25 simultaneously No 1 style - 4:21	1470	1055	1068	1055	38 +	1070	1042	987	810	815
	1471	1057	1067	1045		1070	1050	996	847	795
	1472	1053	1070	1056		1060	1032	977	815	787
Rogers eyelet. 2400 perf No 2 style - 4:26	1473	1045	1073	1042	164	1042	1025	979		
	1474	1047	1050	1040		1027	953	868	Co	
	1475	1075	1060	1025		1015	933	840		
Dup of above No 3 style - flake all open before green 4:33	1476	1035	1036	1000	5 —	995	948	882		
	1477	1060	1057	1023		1025	982	900	Co	
	1478	1050	1047	1025		1011	963	900		
Rogers eyelet 2400 10 to 24 by 1 blue 20 green 1 blue 20 green 1 blue 20 green flakes once only 1 row of filling No 1 style - 5:47	1494	1067	1210	1212	164	1222	1132	641		
	1495	1037	1232	1215		1232	1155	732	Co	
	1496	1107	1263	1242		1223	1100	870		

1975 Sped. 1977 " 1978 Sped 1984 Sped - 859 28 3 40

1997 Sped 98 " 99 " 1506 "

H2 | 1050 / 840 / 2 | 25°

1510 lead 6 only
1512-13-14-16-17-18-22-4 23 [illegible] Clear 1100

	No	Cwt	50	100	
Dup of 1494					
to 2 style -	1497	1100	1260	1227	161
	1498	1020	1177	1167	
5.488	1499	900	1072	1115	
Rogers eight 2400 -	1500	1003	1055	1043	98
10 ch 24 yrs					
Two wash bags before setting	1501	1055	1083	1057	
Style 1 4.487	1502	1075	1075	1092	
Dup of 1500	1503	1087	1110	1095	46
Style 2	1504	1110	1125	1095	
4.344	1505	1092	1100	1046	
Rogers eight 2400	1506	1070	1107	1097	98
10 ch 24 yrs					
3 wash bags before setting	1507	1080	1112	1097	
Style 1 4.424	1508	1071	1100	1062	
Dup of 1506	1509	1046	1100	1095	148
style no 2	1510	1062	1112	1097	
4.419	1511	1050	1086	1075	
Rogers eight 2400	1515	1068	1092	1069	65
burs around 4.456					
10 ch 24 yr 11 [illegible] 20	1516	1067	1090	1077	
style no 2 [illegible]	1517	1046	1066	1055	
Rogers eight 2400	1518	1053	1075	1035	55
burs around					
10 Ch 24 yrs from Rno 40	1519	1072	1102	1055	
Style 1 -					
4.300	1520	1100	1103	1055	
Dup of 1518	1521	1077	1068	982	22
style no 2	1522	1078	1078	1037	
4.450	1523	1052	1037	972	
10 Ch 24 yrs style 1 4.477	1512	1113	1108	1087	5
Chg 10 and 10 ch 24 s 10 and 10 ch 24 s 6 and 6 ch 24 s from 1513	1513	1100	1107	1080	
	1514	1120	1127	1082	

150	200	250	300	
1187	1100	450 94		Co
1220	1200	995 94		
1200	1187	933 944		
1055	1065	1085	868	
1070	1078	1070	847	
1087	1066	1008	867	
1082	1070	1043	846	
1077	1072	992	895	
1045	1017	890 944	841	
1082	1020	896		Co
1085	1067	888		
1062	1028	981		
1100	1097	948	798	
1092	1100	1100	977	
1070	1077	1085	997	
1065	1062	948	787	
1072	1070	1035	845	
1050	1065	1010	906	
1057	1050	973		
995	967	807		Co
1017	948	840		
952	966	803		
1008	1000	770		Co
927	927	707		
~~1076~~	1076	1035		
~~13~~	1053	953		
	967	862		

	No	Cold	50	100	150	200	250	300
Rogers Eight 2400 Gauze								
grain and off	1524	1095	1080	972				
10 Co 24 green line 60	1525	1042	1022	962				
Style 1 —	1526	1108	1075	1039				
4175								
Drop of 1524	1527	982	975	935				
Style No 2	1528	1047	1040	972				
4213	1529	1057	1030	980				
Rogers Eight 2400 pearl —	1530	956	993	1015	107	1011	972	853
10 Co [illegible] line 20 3 only	1534	912	963	982	995	1000	950	860
green 1 3 only K chevron								
line 100 small green edge	1532	827	862	910	912	917	871	690
Drop of 1530	1533	805	855	897	897	900	897	Co
Except Co & flecks mixed	1534	847	892	912	915	920	750	
Style 1 —	1535	900	945	960	962	962	820	
Rogers No 1 purples	1460	921	Co					
10 flecks 24 y both put in at ends	1461	967						
Rogers No 2 purples	1462	962	Co					
10 flecks 24 y both put in at ends	1463	922						
Rogers Eight 2400 —	1559	867	842		862	911	887	
10 Ni flecks Y/L mesh	1560	867	830		860	905	905	
24 y line 20	1561	892	862		882	912	874	
Style 1								
Drop of 1559	1562							
Style 2	1563							
	1564							
Rogers 2400 —	1575	922	907	952	950	975	976	
10 Ni flecks Y/L mesh	1576	892	890	922	927	942	950	
24 y line 20	1577	907	890	932	942	962	970	
Style 1								
Style 2 —	1578	870	Co					
	1579	855	Co					
	1580	892						

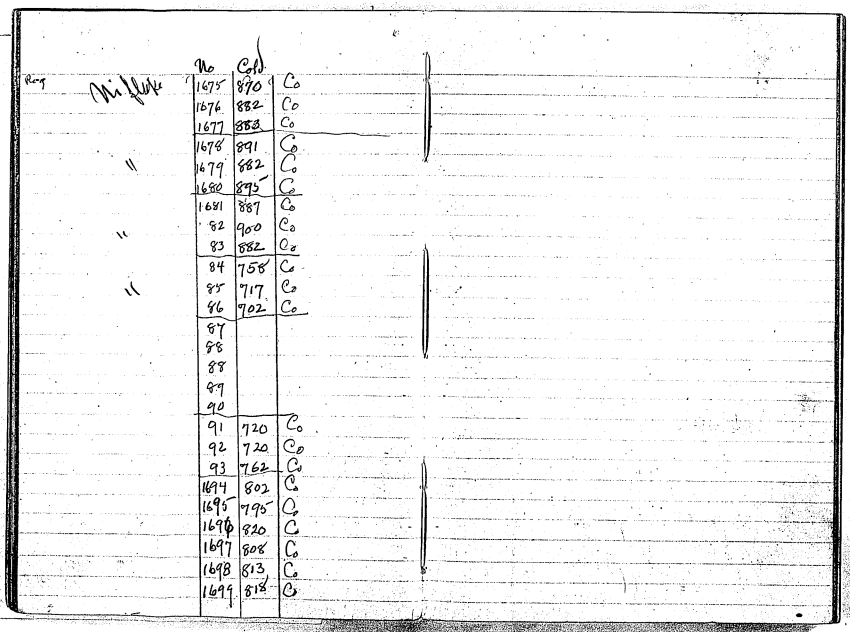
	No	cod	50	100	150	200	250	
Dup of 1467	1595	992	875	} Co				
Style 2	1596	967	900					
Run in 33% KOH.	1597	1035	987					
Rogers 2400 spiral tube -	1601	877	977	1017	1035	1048	1027	
10 Co 24 gr 20 inch Style 2 Reg plunger	1602	915	977	1010	1020	1030	1017	
Rogers 2400 eight opposite tubes -	1603	975	1017	1030	1027	1027	850	Co
48 Co 24 gr No 20 Style 20 Reg plunger	1604	1004	1050	1045	1037	990	667	
Dup of 1554	1609	957	981	1020	1037	1047	970	
except 10 Co tube 24 gr iron thru 20 packed in tall mini plunger 4 section - Style 2a plunger straight -	1610	892	957	980	1010	1012	1032	Co
	1611	812	947	985	1011	1030	1027	
Rogers 2400 eight 10 Co 24 gr thru 20	1612	960	1030	1040	1050	1058	917	
do used cobalt powder fed machine style 1 Reg plunger 237/1000	1613	970	1020	1042	1050	1012	897	Co
	1614	992	1023	1027 x but	1045	1063	877	
Dup of 1612	1615	970	982	975 x "	975	961	805	
Style 2 -	1616	990	990	950 x "	998	898	832	Co
	1617	950	990	987	1003	1023	842	
Rogers 2400 eight 10 Co 24 gr thru 20	1618	897						
square feed style 1	1619	928	Co -					
plunger 177/1000 clear -	1620	886						
Dup of 1618	1621	898						
style 2 -	1622	871						
	1623	868						
Rogers 2400 eight 10 Co 24 gr thru 40 fine square feed style 1	1624	972	1015	1005	1021	972		
	1625	976	1018	1020	1025	1025	Co	
237/1000 plunger	1626	987	1025	1010	1031	1040		
K — 24 gr iron thru 40 mesh 237 plunger filled clear in hole, part ground in -								

	No	Card	50	100	150	200		
Dup of 1624 Style 2	1627	1030	1060	1037	1017	972	822	Co
	1628	1012	1063	1025	1040	947	847	
	1629	1003	1038	997	1007	900	817	
Rogers 2400 eight 10 Co 24 gr thru 40 square feed style 1 177/1000 plunger	1630	940	988	892	918	823		Co
	1631	940	991	965	918	828		
	1632	980	991	975	935	787		
Dup of 1630 Style 2	1633	930	947	947	922	817		Co
	1634	991	1002	962	945	787		
	1635	967	986	915	905	865		
Rogers 2400 eight 10 Co - 24 gr thru 60 grain square feed 237/1000 plunger Style 1	1636	967	1006	941	980	932		Co
	1637	936	986	958	965	880		
	1638	977	1010	970	968	927		
Dup of 1636 Style 2	1639	987	1025	977	988	925	893	Co
	1640	970	992	975	972	900 X	863	
	1641	970	1007	987	988	902	775	
Rogers 2400 eight 10 Co 24 gr thru 60 square feed style 1 177/1000 plunger	1642	935	942	902	878	800		Co
	1643	932	992	948	937	892		
	1644	960	945	892	908	841		
Dup of 1642 Style 2	1645	990	1020	800	922	845		Co
	1646	1008	957	807	897	796		
	1647	972	942	840	862	600		
Dup of 1536 Front Cylinder 3.3 mils Gap 8 mils Jet thru 20 Style 1 in 3 feeding Jet thru 20 Rear thru Temp Jewel 30 feed	1648	1020	1055	1018	1007	873		Co
	1649	1050	1082	1018	983	885		
	1650	1060	1085	1035	1028	896		

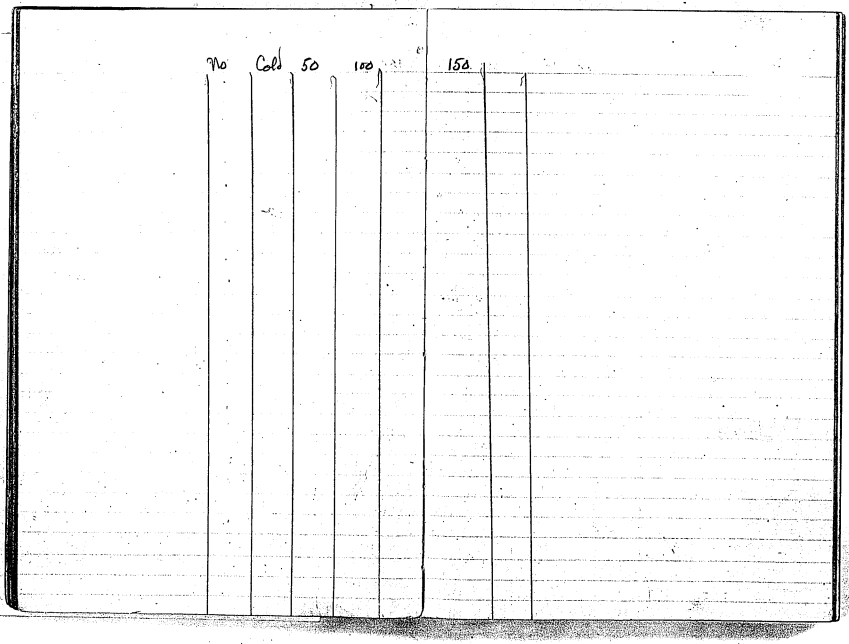
Multiply Constant -

	No	Coll	50	100	150	200		
Dump of 1539								
Except 5 mins to flame	1651	1020	1066	1017	1000		850	
12 mins 20 m -								
Steyle 1 Cut into pieces - 4	1652	1047	1080	1036	1000		810	Co
then 4 lumps each m								
Ring plunge 4 gumm feed	1653	1015	1060	1010	981		817	
Dump of 1542	1654	1047	1055	1011	988	868	800	
Except 5 mins 6 flame -								
12 grand 20 mesh steyle 1	1655	1015	1050	1040	1040	1022	965	Co
3 sections put - Temp Twisted								
Ring plunge - 5 gumm feed 4 stone	1656	1000	1032	1030	1015	981	937	
Dump of 1542	1657	982	995	980	993	953	838	
9 grand 3 sections put - then	1658	938	915	918	936	877	775	Co
Temp Twisted 100 m Ring plunge								
5 gumm feed	1659	928	940	917	930	897	832	
Dump 1545	1660	862	885	877	885	893	838	
Except put in 6 sections -	1661	880	897	878	891	871	792	Co
Then Temp Twice								
5 gumm feed -	1662	880	908	895	898	887	815	
Rogers 2400 eyelet.	1663	962	1002	1007	1010	947	891	
10 flakes - 24 gumm 20 mesh	1664	978	1037	1042	1040	1033	916	Co
steyle 1 plunge 245/1000								
5 gumm feed - clean pot plunge	1665	968	1022	1027	1045	1010	895	
Rogers 2400 eyelet.	1666	935	992	1000	1005	985	907	
10 flakes 24 gumm Steyle 2	1667	937	995	985	1000	992	882	Co
245/1000 plunge put choke								
5 gumm feed - X	1668	950	982	992	975	1002	850	
Rogers 2400 eyelet -	1669	1022	1022	1030	1035	1047	900	
10 flakes 24 gumm 20 m Steyle 1								
245/1000 plunge hole about	1670	1015	1000	967	967	922	847	Co
Lucky Strike engine in Little -								
5 gumm feed -	1671	1000	1017	1015	1007	998	900	
Dump of 1669	1672	968	975	965	962	890		
Steyle 2 -	1673	987	985	965	976	850	Co	
	1674	999	1000	1000	1000	979		

X Changed - leak guide
out - could check to add
[illegible] - put plunge
245 - Hunters -



Ring		No	Col	
		1675	870	Co
		1676	882	Co
		1677	883	Co
		1678	891	Co
		1679	882	Co
		1680	895	Co
		1681	887	Co
		82	900	Co
		83	882	Co
		84	758	Co
		85	717	Co
		86	702	Co
		87		
		88		
		88		
		89		
		90		
		91	720	Co
		92	720	Co
		93	762	Co
		1694	802	Co
		1695	795	Co
		1696	820	Co
		1697	808	Co
		1698	813	Co
		1699	818	Co


No
Cold
50
100
150

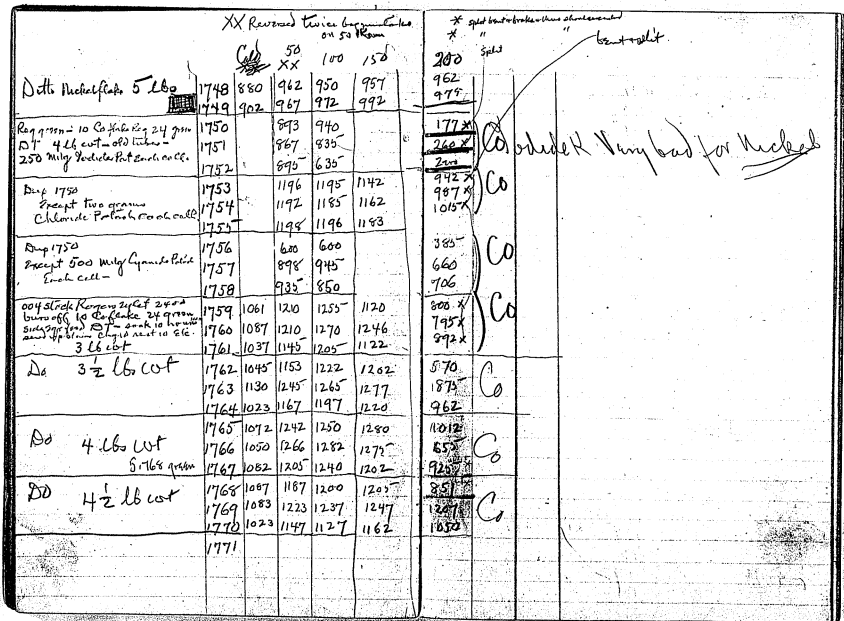
1732 Rum 7 Rum — 1070 1090 1070 1067 1045 1045 1012 977 — Thweight 10 feet 10 IE 5th Rum brass — Weights & pieces

1740 to 1749 3d Rum — 900 888 [illegible] 898 927 872 847 850 832 850 — the only) 10 feet 10 IE Rum Gr Crew —

	50	Cap'd	50	100	150	200	250	
		XX						
New 3 square wide bounder. Cast Co 1 bound 8 feet fallen — 10 flasks Cast 24 spread 1 inch — 3½ lb cast. DT. Rogers right away — Sixteenth	1732	1112	1273	1295	1153	925 ✱		Co
	1733	1140	1266	1287	1157 ✱	870 ✱		
Ditto but 4 lb weight	1734	1102	1231	1261	1220	877 ✱		Co
	1735	1107	1237	1247	1090 ✱	...		
Ditto but 4½ "	1736	1085	1236	1279	1115 ✱	787 ✱		Co
	1737	1055	1248	1315	1133	845 ✱	896	Co
Ditto but 5 "	1738	1050	1236	1267	1262	1052 ✱	1150	
	1739	992	1212	1273	1195 ✱	897 ✱		
Ditto except Nickel flasks 3 lbs	1740	962	1053	1045	1056	1000		
	1741	953	1061	1061	1068	1032		
Ditto Nickel flasks 3½ lb	1742	1017	1085	1090	1093	1072		
	1743	962	1036	1062	1037	1035		
Ditto " 4 lbs	1744	998	1082	1050	1112	1087		
	1745	957	1037	1042	1066	1027		
Ditto " 4½ lb	1746	908	987	1005	1027	1000		
	1747	912	985	990	997	973		

XX Reversed twice by mistake 4 times Each in 50th

3/19-79 989


XX Reversed twice by
on 50 Room
Cash
50
XX
100
150
Nuts Nickelplate 5 lbs
1748 880 962 950 957
1749 902 967 972 992
Reg 1750 – 10 Carbide Keg 24 grm
Dº 4 lb cut – odd Tubes –
250 Mtg Sodium Potassium Co Cc.
1750 893 940
1751 867 835
1752 895 635
Dup 1750
Except two grams
Chloride Potash Co ok cash
1753 1196 1195 1142
1754 1192 1185 1162
1755 1198 1196 1183
Dup 1750
Except 500 Mtg Cyanide Potash
Tools cash –
1756 600 600
1757 898 945
1758 935 850
004 Stock Kerosene 24 Cf 2400
Tubes 06 10 Carbide 24 grm
Sticks 250 grm Dº – tools 10 tubes
and Jugs 10 tubes Chgd next 10 Cc.
3 Lb cut
1759 1061 1210 1255 1120
1760 1087 1210 1270 1246
1761 1037 1145 1205 1122
Dº 3½ lbs cut
1762 1045 1153 1222 1202
1763 1130 1245 1265 1277
1764 1023 1167 1197 1220
Dº 4 lbs cut
5 1768 grm
1765 1072 1242 1250 1280
1766 1050 1266 1282 1272
1767 1082 1205 1240 1202
Dº 4½ lbs cut
1768 1087 1187 1200 1205
1769 1083 1223 1237 1247
1770 1023 1147 1127 1162
1771
* Sold but broken in transhipment
" "
Sold
Sold
Co
Co
Co

XX 50th Reverend Clarke Gymnoflake clumsy runs –

		Cal	50 XX	100
Do 5 lb cut	1771	987	1132	1160
	1772	905	1030	1056
	1773	938	1127	1137
Do-3 lbs 6 cut 5.95 Nickelflake	1774	970	1040	1050
	1775	1017	1150	1147
	1776	987	1075	1068
Do 3½ lb Ni flake 6.97	1777	955	1022	1017
	1778	961	1050	1042
	1779	943	1040	1046
Do 4 lbs Ni flake 6.92	1780	983	1085	1078
	1781	960	1068	1060
	1782	967	1087	1087
Do 4½ lbs Ni flake 6.93	1783	965	1045	1057
	1784	993	1131	1142
	1785	965	1075	1072
Do 5 lbs Ni flake 6.44 5	1786	965	1060	1042
	1787	902	1000	992
	1788	927	1050	1043
005 Blocks Ranges Zylet 240 a burn off – due commencing 10 Oct 1776 – 24 grams – 0.7 gram 3 lbs cut – 3 1/2 lbs square foot 5.560 gr 005	1789	950	1130	1160
	1790	1030	1172	1200
	1791	950	1115	1158
Dup 1789 – 3½ lbs	1792	1000	1160	1196
	1793	1035	1165	1157
	1794	1025	1200	1210
	1795			

1771 X 1780 – Splat 85 Splay 158	1780 – Splat 88 Splay 2888	1777 Splat – Cast 2158	X 1777 Splat – Cast 1773 – 5 lb Splay Splat 1791
1180	1162	Co	
1160	962		
1152 X	1140		
1086	1087	1082	
1175	1177	1165	
1067	1091	1065	
1082 X	1068	1037	
1057	1058	1050	
1077	1087	1068	
1110 X	1092	1070	
1057	1066	1037	
1092	1095	1098	
1047	1630	982	
1155	1162	1135	
1090	1100	1077	
1070	1055	1030	
1005	1006	1000	
1062	1062	1048	
1162	1172	1115	
1217	1153	922	
1180 X	1083 X	827 X	
1238	1245	1163	
1217	1227	922	
1222	1228	980	

XX Reversed twice during 58 to Run by mistake

Dup 1794 - Except 4 LB cut

= Ditto 4½ LB cut

= Ditto 5 LB cut -

Out

out

			XX 50K	
1795	1000		1156	1205
1796	1013		1173	1197
1797	935		1120	1140
1798	892		1071	1110
1799	900		1123	1132
1800	905		1112	1135
1801	895		1070	1100
1802	895		1050	1075
1803	847		1015	1076
1804				
1805				
1806				
1807				
1808				
1809				
1810				
1811				
1812				
1813				
1814				
1815				
1816				
1817				
1818				
1819				

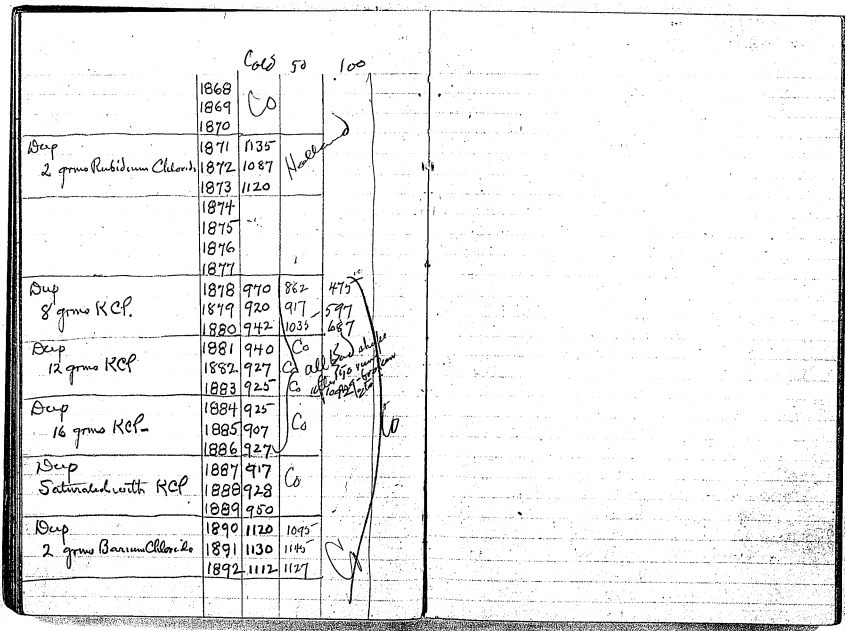
1797 coming off —

150	200	250		
1232	1237			
1237	1241			
1167	1167			
1110 *	1133 ×	762 ×		
1135	1142	1143		
1136	1125	1112		
1117	1142			
1120	1143			
1107	1120			

✳ 005 stock 2400 Eylet used 005 hereafter

		Cold 50	100	150	
	1820				
Out	1821				
	1822				
	1823				
	1824				
	1825				
	1826				
✳	1827				
auto feed - 10 Co 24 Reg green 005 stock 2400 Eylet, AT 3½ lbs cut 4 grms Potassium Chloride	1828	1141 1135	1175	1075	
	1829	1137 1128	1130	985	
	1830	1105 1098	1040	656	
Dup- 2 grms KBr	1831	1162 1137	1180	1087	
	1832	1162 1138	1172	1100	
	1833	1150 1130	1150	1098	
Dup- 4 grms KBr	1834			790	
	1835	1145 1137	1007	927	
	1836	1162 1044	907	972	
	1837	1167 1130	1078		
Nickelflake - 3½ lbs shot for auto 10 Reg 24 green Ann 20 2 grms KCl Ends cycle	1838	1000 1000	997	966	
	1839	1002 1015	998	970	
	1840	983 995	992	975	
Nickelflake Dup of 1838 - 4 grms KCl Ends cycle	1841	978 1038	1087	1060	
	1842	958 953	977	1000	
	1843	942 935	1007	1000	

		Cold	50	100	150	
Nickel flake	1844	940	915	925	925	
2 gms KBr	1845	955	940	957	957	
	1846	963	941	962	963	
Nickel flake	1847	1008	985	1010	990	
4 gms KBr	1848	1021	1010	1027	1012	
	1849	1035	1023	1030	1012	
Rag 3½ lbs wet 10 Co 24 gms acetomatics sulfoso DT-	1850	1173	1160	1085	823	
	1851	1182	1155	1020	830	Co
4 gms NaBr	1852	1192	1168	1011	842	
Dup-	1853	1163	1122	935		
4 gms NaCl	1854	1147	1160	1047		
	1855	1150	1175	1015		
Dup	1856	1150	1132	1142		
4 gms Na Acetate	1857	1142	1125	1150		Co
	1858	1143	1137	1160		
Dup	1859	1135	1132	1142		
4 gms K Chlorate	1860	1127	1145	1173		Co
	1861	1100	1082	1110		
Dup	1862	1087	1110	1117		
4 gms K Fluoride	1863	1067	1100	1100		Co
	1864	1095	1107	1117		
Dup	1865	1137				
2 gms Caesium Chloride	1866	1125	Holland Dup			
	1867	1150				


Cold 50 100
1868
1869
1870
Dup
2 grms Rubidium Chlorid.
1871 1135
1872 1087
1873 1120
Hall
1874
1875
1876
1877
Dup
8 grms KCl.
1878 970 862 475
1879 920 917 597
1880 942 1035 687
Dup
12 grms KCl
1881 940
1882 927
1883 925
Co
Co
Co
all dead after 40 years
Dup
16 grms KCl.
1884 925
1885 907
1886 927
Co
Dup
Saturated with KCl
1887 917
1888 928
1889 950
Co
Dup
2 grms Barium Chloride
1890 1120 1095
1891 1130 1145
1892 1112 1127

		Cold	50		
	1°				
Dup	1893	1083	890	737	
2 gms KBr	1894	582	1095	842	Co
2 " KCl	1895	1060	1100	738	
2 " NaCl					
2 NaBr					
Dup	1896	1042	600		
4 gms KCl	1897	1042	650		Co
2 " Ferrocy K	1898	1032	600		
Dup -	1899	1027	997	1102	
2	1900	1052	1057	1112	Co
4 gm Na Sulphide -	1901	1022	1012	1092	
Dup	1902	1035	1077	1120	
2 gms KCl	1903	1050	1102	1130	Co
2 " Na Sulphide	1904	1062	1112	1140	
Dup	1905	1062	1007	875	
5 gms Arsenate K	1906	1030	987	850	Co
	1907	1037	1012	806	
Dup	1908	1042	990	1027	
5 gms K Arsenite	1909	1042	912	981	Co
	1910	1037	925	1015	
Dup	1911	1072	1025	1037	
5 gr Benzoate K	1912	1077	1040	1050	Co
	1913	1068	1017	1057	
Dup	1914	1087	992	1052	
5 gms Bitartrate K	1915	1082	997	1065	Co
	1916	1090	1022	1056	

arsenicate is bad

	Cold	50	100	150	
Dup 5 grms Binoxalate K	1917 1062	1000	1007		
	1918 1047	980	1036		Co
	1919 1078	990	1017		
Dup 5 grms Bisulphite K	1920 1085	1050	1067		
	1921 1082	1100	1095		Co
	1922 1092	1132	1115		
Dup 5 grms Borax	1923 1097	1137	1097		
	1924 1095	1130	1107		Co
	1925 1080	1107	1124		
Dup 5 grms K Bromate.	1926 1045	992	1097		
	1927 1020	995	1060		Co
	1928 1030	1015	1058		
Dup 5 grms Formate Pot	1929 1035	932	—		
	1930 1048	947	792		Co
	1931 1058	965	812		
Dup 5 grms Hypophosphite Potash	1932 1020	865			
	1933 1035	865			Co
	1934 995	850			
Dup 5 grms Hypophosphite Potash Dup of 1933	1935 1082	1105	—	—	
	1936 1050	1046			
	1937 1012	1032			
Dup 5 grms Lactate Potash	1938 997	1061	1087		
	1939 962	1025	1080		Co
	1940 982	1050	1085		

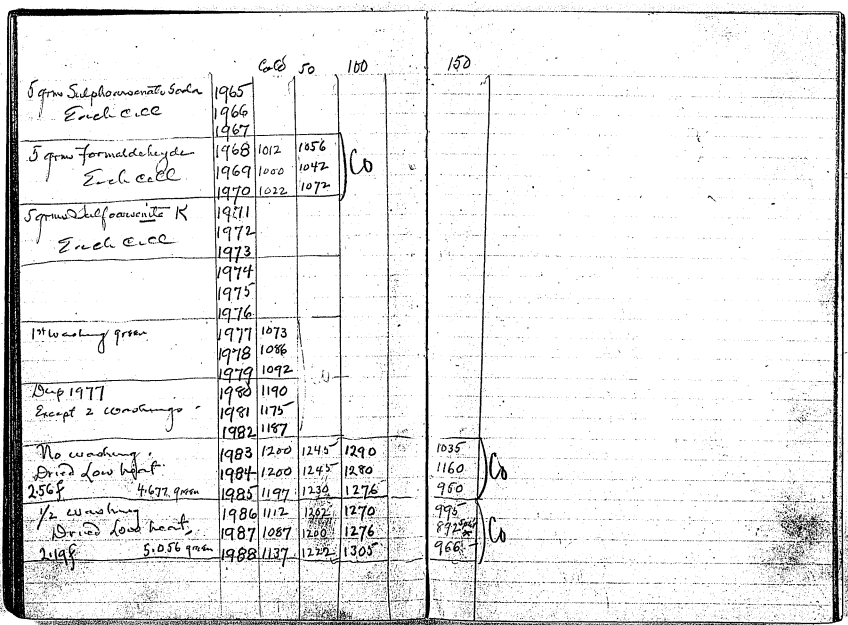
Formate K seems to be bad

Hypophosphite K is bad

		Cost	50		
Dup 5 grms Nitrate Potash	1941	965	1022	1032	G
	1942	947	1002	1117	
	1943	1032	1005	1005	
Dup 5 grms Nitrite Potash	1944	933	982	1062	G
	1945	860	987	935	
	1946	932	1012	1146	
Dup 5 grms Orthophos Potash	1947	1018	1088	1122	G
	1948	1011	1082	1100	
	1949	1015	1057	1110	
5 grms Ethylsulfate Potash from corresp when put in acid	1950	985	1167		
	1951	945	1162		
	1952	990	1160		
5 grms Acetone Each acid —	1953	965	970		
	1954	935	1000		
	1955	890	1022		
5 grms Silicofluoride K Each acid	1956	1112	1147		
	1957	1115	1180		
	1958	1071	1150		
5 grms Monochloroacetate K Each acid -	1959				
	1960				
	1961				
5 grms Rhodizonate Each acid — X	1962	625	From work by Mok		
	1963	595			
Would try use of acid as put in Reg 21/5 then filtered	1964	645			

changed to 1137 1000 1109

C. — N



		Calib	50	100	150	
5 gms Sulphanilamide Soda Each cell	1965					
	1966					
	1967					
5 gms formaldehyde Each cell	1968	1012	1056			Co
	1969	1000	1042			
	1970	1022	1072			
5 gms Sulphanilamide K Each cell	1971					
	1972					
	1973					
	1974					
	1975					
	1976					
1st washing green	1977	1073				
	1978	1086				
	1979	1092				
Dup 1977 Except 2 washings.	1980	1190				
	1981	1175				
	1982	1187				
No washing. Dried low heat. 256f 4672 gms	1983	1200	1245	1290	1035	Co
	1984	1200	1245	1280	1160	
	1985	1197	1230	1276	950	
½ washing Dried low heat. 2.19f 5.056 gms	1986	1112	1267	1270	995	Co
	1987	1087	1200	1276	892	
	1988	1137	1272	1305	966	

		Cold	50	100	150	200
0.5 gram 1/2 wash Dried high heat 2.025 5.449 gram	1989	1045	1148	1257	1235	
	1990	1132	1196	1330	580 split	Co
	1991	1128	1208	1300	912 split	
No washing dried high heat. 2.05 5.545 gram	1992	1155	1210	1268	862	
	1993	1120	1163	1232	1085 split	Co
	1994	1137	1182	1265	1000 *	
Cobact peroxide 6g Bromm 20 mach 10 x 24 - Reg 537	1995	91	Co			
	1996	67				
	1997	70				
No Peroxide CP mach 6g DrG 10 19 G Reg - 5.27	1998	895	1100	868 split		
	1999	867	1096	873 split	Co	
	2000	865	1135	1082		
	2001					
	2002					
	2003					
Reg grow 24 10 cc flake cod 5 block G mg on	2004	1117	1177	1282	1158	
	2005	1122	1235	1298	1162	
	2006	1100	1150	1257	1132	
5 gram Amyloolplatic K Each cell —	2007	950	Co			
	2008	997				
	2009	950				
5 gram Amyloplaplatic K Each cell	2010					
	2011					
	2012					

			50	
5 grms Cinnamate K Each cccc	2013	1097	1130	Co
	2014	1107	1127	
	2015	1105	1151	
5 grms Croconate K Each cccc	2016			
	2017			
	2018			
5 grms Cyanate Pot'sh Each cccc	2019	600	Iron was badly hurt Ni OR Co	
	2020	763		
	2021	762		
5 grms Cyanurate Pot'sh Each cccc	2022	1070	717	Co
	2023	1100	767	
	2024	1070	708	
5 grms Iodate Pot'sh Each cccc	2025	737	Nickel was badly hurt Co Iron OR	
	2026	730		
	2027	715		
5 grms Nitrobenzoate K Each cccc	2028	600	Iron was badly hurt Co Ni OR	
	2029	550		
	2030	650		
5 grms Oxamide	2031			
	2032	Co		
	2033			
5 grms Acetamide Decomposes	2034	907		
	2035	750	Co	
	2036	832		

Cyanate K bad for Iron

Iodate K bad for Nickel

Nitrobenzoate K bad for Iron

Acetamide bad

		Col.	50	100	
5 grms Flower Sulphur Each cccc	2037	635			Sulphur in excess bad for them
	2038	630		CO	
	2039	597			
5 grms Pentathionate Potash Each cccc	2040				
	2041				
	2042				
5 grms Picrate Potash Each cccc	2043				
	2044			CO	
	2045				
5 grms Phosphite Potash Each cccc	2046				
	2047				
	2048				
5 grms Selenate Potash Each cccc	2049	1100	1000		
	2050	1108	850	CO	
	2051	1120	990		
5 grms Sulphite Potash Each cccc	2052				
	2053				
	2054				
5 grms Meta Stannic Potash Each cccc	2055	1115	1185		
	2056	1116	1167	CO	
	2057	1117	1168		
5 grms Sulfocyanate K Each cccc	2058	975	1095		
	2059	1012	1150	CO	
	2060	1035	1132		

5 gms Succinate Palate	2061	1043	1120
	2062	1032	1128
	2063	1060	1135
5 gms Tetrazate Palate	2064	1155	987
	2065	1165	827
	2066	1166	1017
5 gms Xanthate Palate	2067		
	2068		
	2069		
5 gms Thiazolate Palate	2070		
	2071		
	2072		
5 gms Methoxide Palate	2073		
	2074		
	2075		
5 gms Sulfocyanide Palate	2076		
	2077		
	2078		
5 gms Sulfomolybdate K	2079		
	2080		
	2081		
5 gms Sulfotungstate K	2082		
	2083		
	2084		

Changed KOH before it crossed mm ~~Hg~~ 270

		Cold	50	100	
5 grms Hard rubber shavings Each cccc -	2085	1125	1175	1211	
	2086	1148	1187	1247	
	2087	1005	1168	1232	
5 grms Stearic acid Each cccc -	2088	1015			
	2089	830			
	2090	932			
5 grms Magnesium Powder Each cccc	2091	1102		1163	
	2092	1105	5	1167	Co
	2093	1102		1155	
5 grms Cadmium powder Each cccc	2094	1100	1137	Co	
	2095	1108	1161		
	2096	1102	1150		
5 grms Powdered Lead Each cccc	2097	1112	1145		
	2098	1115	1140	Co	
	2099	1170	1142		
5 grms Powdered Antimony Each cccc	2100				
	2101				
	2102				
5 grms Powdered Bismuth Each cccc	2103				
	2104				
	2105				
5 grms Powdered Ferromagnese	2106				
	2107				
	2108				

Test wgt Chey thrown out after 50 Runs

		Cold	50	100	150	200	
5 grm Powdered Tin	2109	1211					
Each cell	2110	1185					
	2111	1165					
2 grm paper in 1/8"	2112	1137	1181	1200			
pieces —	2113	1131	1167	1207			Heating Thermometer at end after 50 Rum.
Each cell —	2114	1133	1183	1228			
5 grm Cub Pot Sol	2115						
Each cell	2116						
	2117						
4 Washings in	2118	1087	1125	1152	1193		
Percolator	2119	1123	1143	1150	1212		
	2120	1142	1170	1182	1218		
5 Washings in	2121	1125	1147	1170	1205		
Percolator	2122	1130	1146	1162	1195		
	2123	1155	1175	1188	1163		
4 grm Perchlorate Sodium	2124						
Each cell	2125						
	2126						
Dup 1804	2127						
Except 2 grm Caustic	2128						
Soda Each cell	2129						
Dup 1804	2130						
Except 4 grm NaOH	2131						
	2132						

		Cold	50	100	150	200	250	300
Dup 1804	2133							
Except 8 gms NaOH,	2134							
	2135							
Dup 1804 4.67	2136	1145	1196	1267				
Except 2 gms LiOH	2137	1151	1202	1275				
Each cccc	2138	1137	1192	1305				
4 gms Camelia Lithia	2139	1132	1160	1300				
Each cccc 4.63	2140	1125	1171	1291				
with Reg 21% —	2141	1122	1135	1286				
8 gms Camelia Lithia	2142	1050	1010	960				
Each cccc.	2143	1055	1015	1195				
with the 21% ROH, 4.70	2144	1060	1020	1085				
23% ROH, 29%	2145	1170	1222	1182				
	2146	1167	1210	1175				
	2147	1170	1217	1137				
25% ROH, 31%	2148	1197	1217	1107				
	2149	1200	1200	1215				
	2150	1170	1150	1082				
27% ROH, 33%	2151	1225	1145	937				
	2152	1227	1199	920				
	2153	1140	960	787				
29% ROH, 35%	2154	1277	1052	705				
	2155	1262	1085	745				
	2156	1250	1197	910				
	2157							

21% Uncut

		Cold	50	100	
19% KOH, 25% 100 hrs	2157	1092	1132	1093	
	2158	1082	1125	1040	
	2159	1075	1147	1012	
17% KOH, 23% 100 hrs	2160	845	850	762	
	2161	810	842	583	
	2162	1030	1087	1080	
15% KOH, 21% 100 hrs	2163	992	1050	1062	Co
	2164	1010	1060	1057	
	2165	1005	1057	1055	
13% KOH, 19% 100 hrs	2166	940	1000	947	
	2167	940	1000	903	
	2168	944	997	1012	
11% KOH, 17% 100 hrs	2169	920	980	987	
	2170	920	995	977	
	2171	912	987	988	
9% KOH, 15% 100 hrs	2172	870	950		Co
	2173	875	1007		
	2174	837	932		
2 grms Lithium Chloride Each cccc -	2175	1151	1222		Co
	2176	1125	1176		
	2177	1147	1217		
4 grms CLCoride Lithium Each cccc -	2178	1075	1193		Co
	2179	1067	1092		
	2180	1100	1207		
	2181				

*Bent broken rod —

					150	200		
8 grms Chl Lithium Each cccc —	2181	1017*	1102	180				
	2182	1000	1067	Co				
	2183	1030	1097					
3 Washings in Potash Lye —	2184	1083	1160	1212				
	2185	1147	1165	1200				
	2186	1160	1212	1232				
							250	300
2 grms Sulphate Sodium Each cccc —	2187	1102	1137		1147		800	
	2188	1087	1120		1142		807	
	2189	1107	1130		1145		722	
4 grms Sulphate Soda Each cccc —	2190	1112	1127		1142	1021	735	682
	2191	1115	1126		1142	961	802	717
	2192	1105	1127		1146	1060	720	700
2 grms Nitrate Soda Each cccc	2193							
	2194							
	2195							
4 grms Nitrate Soda Each cccc	2196							
	2197							
	2198							
8 grms Nitrate Soda Each cccc —	2199							
	2200							
	2201							
Top of pocket Loose adds measure	2202		990	1005				
	2203		1017	1032				
Expansion & also occ of 6 units more bent 1/64 M —	2204		1027	1070				

				100	150
6 washings on Percolator	2205	1081	1145	1157	
	2206	1096	1150	1170	
	2207	1102	1168	1167	
Reg green 7 washings Percolator	2208	1066	1155	1212	845
	2209	1088	1150	1228	1030
	2210	1118	1171	1197	892
Ditto 8 washings	2211	1103	1167	1206	982
	2212	1108	1167	1053	897
	2213	1112	1177	1200	920
Reg green rejected but dried at very low temperature 10 coff 24 green [illegible] 70	2214				
	2215				
	2216				
No washing air Dried washed free NaOH. Dried in oven 200°F to 4.320	2217	1066	1145		
	2218	1080	1135		
	2219	1052	1116		
½ wash air dried washed free of NaOH, heated in oven 200°F to 4.320	2220	1047	1128		
	2221	1075	1160		
	2222	1048	1142		
Ra 662 - 91% NH_4Cl 9% Bi_2O_3 Thro 20 - 10 Coff 4.34	2223	987			
	2224	956			
	2225	1027			
Ra NOH 90% $Co_2(OH)_6$ 10% 5.141 Thro 20 m - 10 Coff	2226	971			
	2227	986			
	2228	1013			
Ra - 90% NH_4Cl Bi_2O_3 10% mixed 4.92 together on porter 10 Co 24 green	2229	1147			
	2230	1130			
	2231	1147			

	2231	
90% MeOH	2232	970
Bi_2O_3 4.02	2233	897
Ind by [illegible] MeSO4 + Not Bi	2234	970
by Roth, [illegible] — Not used		
Ra 718 Thin 20 No wash	2235	1183
air dried, washed w/ MeOH	2236	1207
Reg pk – it already fumes	2237	1200
(1st 20 m 4.77		
Ra 719 –	2238	1152
No wash air dry – washed +	2239	1172
air dried – to rehumid,	2240	1133
fumes (from 20 m – 4.67		
Ra 745 – (No wash –	2241	1121
not filtered air Dried	2242	1121
dried low heat, pencil ck).	2243	1110
4.67		
Ra 752 no wash	2244	1047
Dried low heat	2245	1063
Cobalt free · 5.28	2246	1073
Ra 744 – no wash	2247	1212
filtered, air Dried low heat	2248	1187
precaution 4.80	2249	1205
Ra 765 – 10 x 24 Cellulose Reg 7 min	2250	682
DT 005 burn off Expos Regular	2251	682
Eyed,	2252	650
Very sticky in machine – 6.44		
Ra 767 10 x 24 Cellulose Reg 7 min	2253	1197
005 burn off Eyed. 4.90	2254	1212
	2255	
	2256	

R			50	100
Rq 768 Dup 2253 Spring 1/4 — 4.70	2255	1165		
	2256	1197		
Rq 769 – Dup 2253 Spring 1/64 – 5.25	2257	1175		
	2258	1208		
Rq 770 – Dup 2253.	2259	1207		
	2260	1230		
Rq 771 Dup of 2253 4.92	2261	1177		
	2262	1170		
Rq 772 Dup of 2253 4.82	2263	1235		
	2264	1182		
Rq 758 – Dup of 2253 Strip in Hyd — Not made	2265			
	2266			
Rq 766 – Dup of 2253	2267	1175		
	2268	1200		
4.69	2269	1180		
Rq 774 Dup of ~~Dup of 2270~~ Low heat No wash Dup of 2253 5.25	2270		1138	1152
	2271		1158	1235
	2272		1210	1201
Rq 763 – ~~Spring~~ Hard 1400 700 wash Normal Drill 1400 heat Recommend – Dup of 2253 Strip in Hyd 4.53	2273			
	2274			
Rq 790 –	2275		1213	935 S
536	2276		1187	890
	2277		1226	910 SS
Rq 776 –	2278		1100	858
	2279		1117	985
4.38	2280		1150	950

		Cold	52	
RQ 711A —	2281		1101	
	2282		1125	
4.31	2283		1120	
RQ 791 - Not made	2284			
	2285			
Strobe with copper flame flame.	2286			
RQ 775 Ni Export "No grade dried low heat- not following Not made	2287			
	2288			
Strobe with copper flame	2289			
RQ 749 —	2290		717	Co
4.17	2291		720	
RQ 750 -	2292		910	Co
4.23	2293		937	
RQ 751 -	2294			
4.02	2295			
RQ 748 - no washman dried not following 4.25	2296			
	2297			
RQ 788 -	2298			
5.04	2299			
10 x 24 Cat reg'm - 3½ mt 5 deep Red pods 000 Brown Ff R Red Lows - new OP Condition - Chg'd to mt Rest 8 hours chg 8 dia - 4.19	2300	1173		
	2301	1185		
	2302	1192		
	2303	1250		
	2304	1192		
	2305	1190		

All tubes hereafter Chg 6 hours due 8 hours

Dup of 2300 Except new wire to be run previous Cu Hg now Run Cold 4.48	2306	1190		
	2307	1150		
	2308	1200		
Dup of 2306 - Cu Hg 8mm Run that 8 chg 8 hrs 4.69	2309	1170		
	2310	1210		
	2311	1207		
Dup 2306 - Cu Hg 8mm Run hot reversed once work 4.72	2312	1197		
	2313	1143		
	2314	1130		
Dup of 2300 - Reg wire 4.50 Except Co flake 9 part 1 pt Ni flake total 10 pt	2315	1145	CO	
	2316	1188		
	2317	1191		
Dup 2315 4.50 Except 8 Co flake 2 Ni flake 24 grm 4.90	2318	1150		
	2319	1135	CO	
	2320	1155		
Dup 2315 4.70 Except 7 Co flake 3 Ni flake	2321	1112		
	2322	1140	CO	
	2323	1127		
Dup 2315 4.83 Except 6 Co flake 4 Ni flake	2324	1172		
	2325	1172	CO	
	2326	1165		
Dup 2315 4.90 Except 5 Co flake 5 Ni flake	2327	1146		
	2328	1132	CO	
	2329	1147		

Dup 2315 4.90 Except 4 Coffeeberry 6 Wyeth	2330	1135	Co
	2331	1132	
	2332	1125	
	2333	520	Co
	2334	547	
	2335	550	
	2336	522	
	2337	538	
green thro 30 meadow fence pattern 24 x 10 Coffeeberry Rep 10 yds. reg mow R light 24x6 beans green 4.43	2338	1182	
	2339	1210	
	2340	1186	
Dup 2338 4.31 Except green thro 40 fence ~~4.22~~	2341	1182	
	2342	1182	
	2343	1182	
Dup 2338 Except green thro 50 fence 4.22	2344	1183	
	2345	1158	
	2346	1140	
Dup 2338 4.40 Except green thro 60 fence	2347	1215	
	2348	1180	
	2349	1215	
Dup 2338 4.56 Except green thro 100 fence	2350	1097	
	2351	1097	
	2352	1112	
	2353		

	2353
	2354
	2355
	2356
	2357
	2358
	2359
	2360
	2361
Rep Like 2400 - 10 Cu 24 T Rep Fill To 6 Rings in 18% KOH. 3% K_2CO_3	2362
	2363
	2364
Dup 2362 Except 16 KOH 5% K_2CO_3	2365
	2366
	2367
Dup 2362 Except 13% KOH. 8% K_2CO_3	2368
	2369
	2370
Rep 2400 Rep Except 6 Rings	2371
	2372
	2373
Dup 2371 except 8 Rings.	2374
	2375
	2376

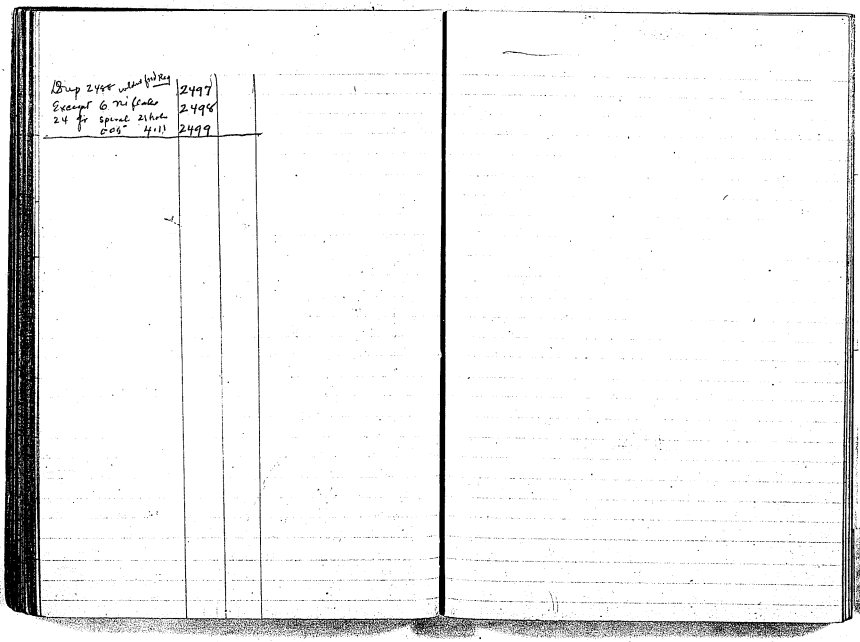
	2377	
	2378	
	2379	
Reg 2400 005 Tube Reg brix+pk 6 rmgs 1 mm in 21" with 10T 4 mm KCP-	2380	
	2381	
	2382	
Dup 2380 Except 8 rmgs - 10 4mm RCP.	2383	
	2384	
	2385	
	2386	
	2387	
	2388	
	2389	
	2390	
	2391	
	2392	
	2393	
	2394	
21 Holes remain 005 - 4 rmgs - 10 Co 24 7 - Reg pk -	2395	1085
	2396	1067
	2397	1065
Dup 2395 but 0035 Glook 1	2398	1085
	2399	1057
	2400	1086

Dup of 2395 Run 21% KOH centering 10 grm KCl each cell 4 rmps	2401	1035	After 5 Runs Cad 2 or 3 runs to get this Cobalt group is best showing 21 Stock Standard 005 ?
	2402	1050	
	2403	1016	
Dup 2398 Except run — 21% Centering 10 grm KCl each cell	2404	1103	Cobalt ditto The best group so far in Curious as to Numbers Stock 003 ?
	2405	1041	
	2406	1105	
2400 Repeats stock 3 lb wt.	2407		
	2408		
	2409		
Nickelflake Reg Thickness 24 grm 10% 3½ lbs. 2400 not 005 4 rmps Same ground Reg rock	2410	908	
	2411	912	
	2412	915	
ditto	2413	933	
	2414	895	
	2415	920	
Nickelflake - same as 2410 But run 10 21% centering 4 rmps 10 grm KCl each cell	2416	912	Two is Head & best, of 2401 2404 groups Nickel -
	2417	915	
	2418	932	
Nickel-8 parts Cobalt 2 parts mixed 24 grms 005 2400 3½ lb 4 rmps 10 grm KCl each cell	2419	990	
	2420	1030	
	2421	1100	
Dup Except Nickelflake 7 parts Cobalt 3 pts 10 grm KCl each cell	2422	1007	
	2423	1063	
	2424	1077	

6 pts Ni flakes 4 pts Co flake – 10 grms KCl each cell	2425	1107	
	2426	1077	
	2427	1097	
5 Ni 5 Co flakes 10 grms KCl each cell	2428	1100	
	2429	1025	
	2430	1155	
10 Ni flakes 24 grms Rogers 21 hole anode .005" 4 rings 3% wt.	2431	903	
	2432	907	
	2433	917	
Dup 2431 except 5 Co flakes 5 Ni flakes = 24 grms Run only 4 rings .005" 21 hole anode	2434	1042	
	2435	1028	
	2436	1040	
Dup 2434 except 7 Ni 3 Co flakes 24 gr .005" 21 hole anodes about 4 rings	2437	992	
	2438	992	
	2439	1008	
Dup except 8 Ni 2 Co flakes .005" 21 hole anodes about	2440	958	
	2441	952	
	2442	945	
XXX Smith Clamp cutting 10 Co flakes Tore up from (Lime Hydrogen used) Dried in Centrifuge	2443	800 X	Cause of excellent runs.
	2444	537 X	
	2445	800 X	
	2446		
	2447		
	2448		

24 2400 005 5th 4 rmp – 10 Co 24 g 3½ wtr by pk Rm – 21% 100 mlg Li OH Each cell –	2449	1150
	2450	1155
	2451	1172
Dup except 250 mlg Li OH Each cell	2452	1167
	2453	1157
	2454	1161
Dup except 500 mlg. Li OH Each cell	2455	1207
	2456	1137
	2457	1132
Dup Except 1 grm Li OH Each cell.	2458	1200
	2459	1212
	2460	1160
Dup except 1½ grm Li OH Each cell	2461	1170
	2462	1162
	2463	1200
~~Each cell~~ 21 Hole Clock 005 – 4 rmp 1 grm Li OH Each Cell	2464	1132
	2465	1127
	2466	1152
Dup 2464 Except 2 grms Li OH.	2467	1095
	2468	1142
	2469	1142
21 Hole clock. 10 Nickel Foils 4 rmp – 24 g reg pk 005 – 2 grms Li OH.	2470	892
	2471	890
	2472	892

Dup 2470 Wafer Except Cell filled with 15% KOH = 2 grms LiOH. Each cell —	2473	865
	2474	850
	2475	845
Dup 2464 Wafers Except 15% KOH. 2 grms LiOH each cell	2476	992
	2477	1017
	2478	1008
Reg 2400 hole 005 — Cell 12 grms 24 15% NaOH, 2 grms LiOH. Each cell	2479	1125
	2480	1122
	2481	1140
	2482	
	2483	
	2484	
	2485	
	2486	
	2487	
2400 hole 005" ni flake 001 thick — not thin 9 flakes 24 grms Spiral 4.37 Reg grms	2488	
	2489	
	2490	
Dup 2488 except Spiral 8 ni flakes - 24 grms 4.125 —	2491	
	2492	
	2493	
Dup 2488 Spiral except 7 ni flakes — 4.22	2494	
	2495	
	2496	


Drop 2498 unless [illegible] Req
Except 6 7th grade
24 for spring 2 thirds
COG 4:11
2497
2498
2499

Duplicate from 27% franco-

		A		
23% KOH.	A	2145	1140	
	"	2146	1130	
		2147	1132	working 1134
25% KOH.		2148	1137	
		2149	1177	
		2150	1182	Average 1165
27% KOH. Co 10.24.		2151	1225	
		2152	1215	
		2153	1210	Average 1217
29% KOH.		2154	1232	
		2155	1238	
		2156	1237	Average 1236
19% KOH		2157	1077	
		2158	1082	
		2159	1087	" 1080
17% KOH.		2160	1035	
		2161	1041	
		2162	1022	" 1032
15% KOH.		2163	1005	
		2164	972	
		2165	967	" 981
13% NOH.		2166	932	
		2167	940	
		2168	942	938

$3\overline{)3496}$ 1165

$3\overline{)3651}$ 1217

$3\overline{)3402}$ 1134

$3\overline{)3708}$ 1236

$3\overline{)2944}$ $981\ 1$

$3\overline{)2594}$ 981

$3\overline{)3246}$ 1082

$3\overline{)3095}$ 1032

$3\overline{)2814}$ 938

		A	
11% KOH,	A	2169	896
		2170	882
		2171	880
9% KOH,		2172	855
		2173	840
		2174	852
	A	2333	510
		2334	513
5 Reg pockets		2335	502
Reg mix -		2336	503
		2337	512
9 Co 1 ni flake	A	2315	1097
		2316	1082
		2317	1100
8 Co 2 ni		2318	1080
		2319	1067
		2320	1073
7 Co 3 ni flake		2321	1082
		2322	1075
		2323	1084
6 Co 4 ni "		2324	1070
		2325	1060
		2326	1053
5 Co 5 ni "		2327	1030
		2328	1075
		2329	1027

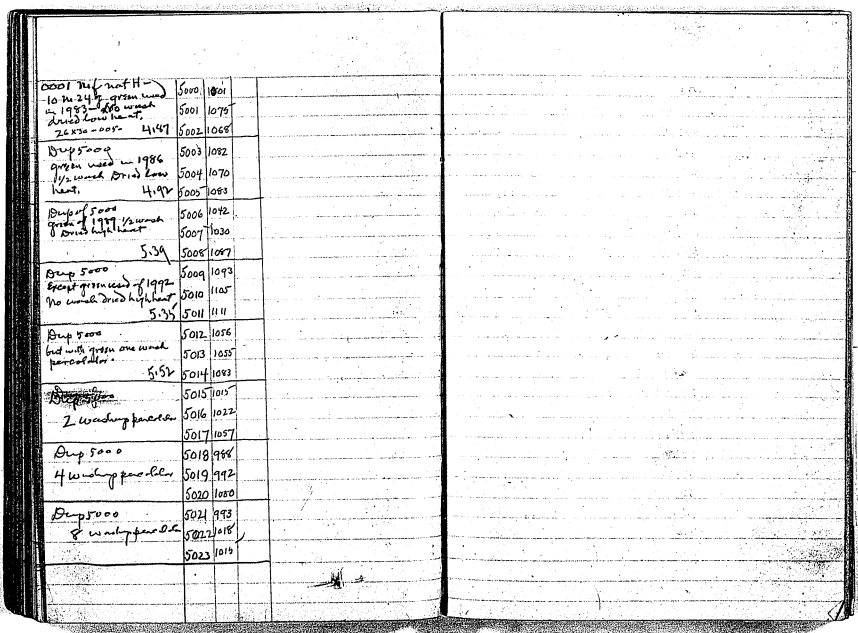
average 886

" 849

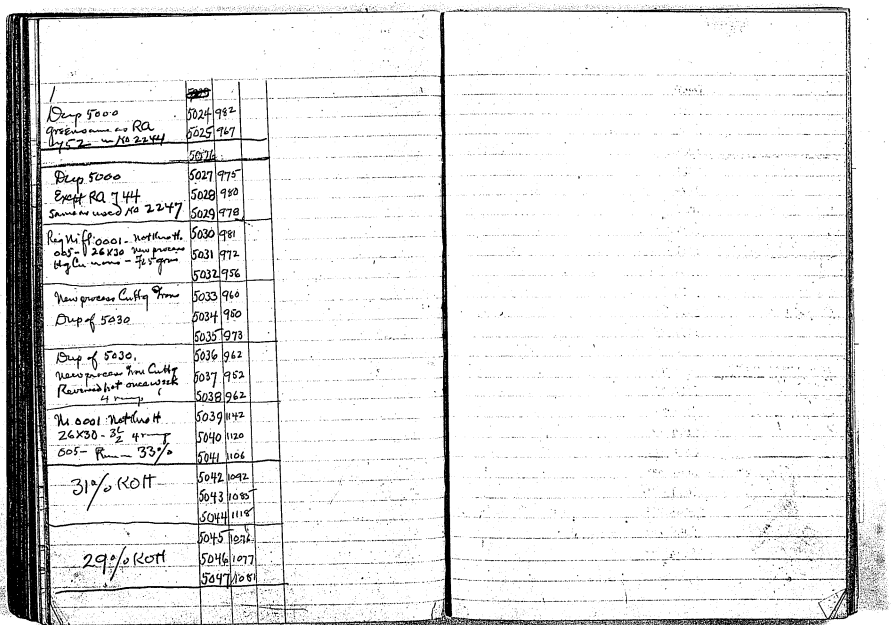
3 | 2658 / 886

3 | 2547 / 849

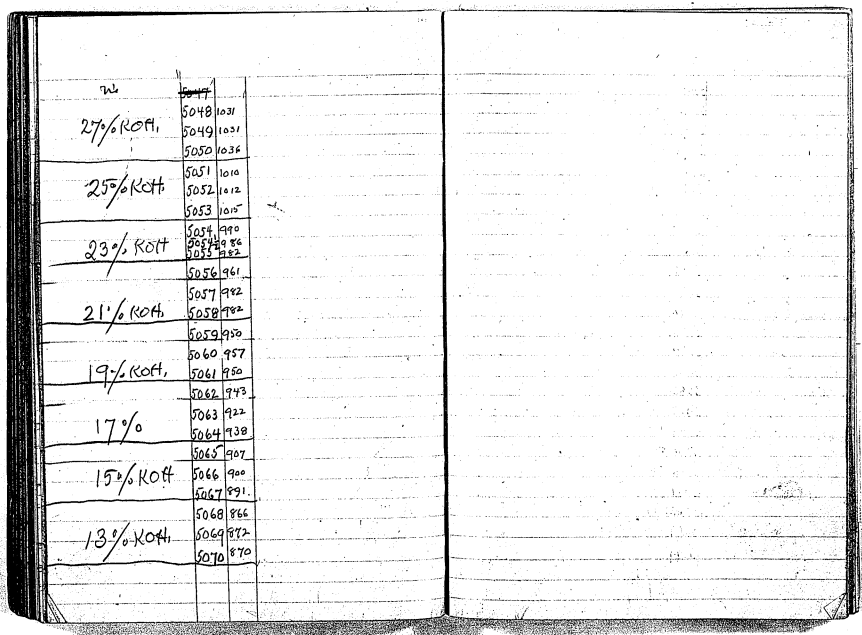
4 Co 6 Ni flake	A	2330	1030
		2331	1017
		2332	1010
No wash Dried Low heat	A	1983	1165
		1984	1167
		1985	1172
1/2 wash Dried Low heat	A	1986	1200
		1987	1192
		1988	1160
1/2 wash Dried High heat	A	1989	1107
		1990	1135
		1991	1125
No wash Dried high heat	A	1992	1212
		1993	1197
		1994	1182

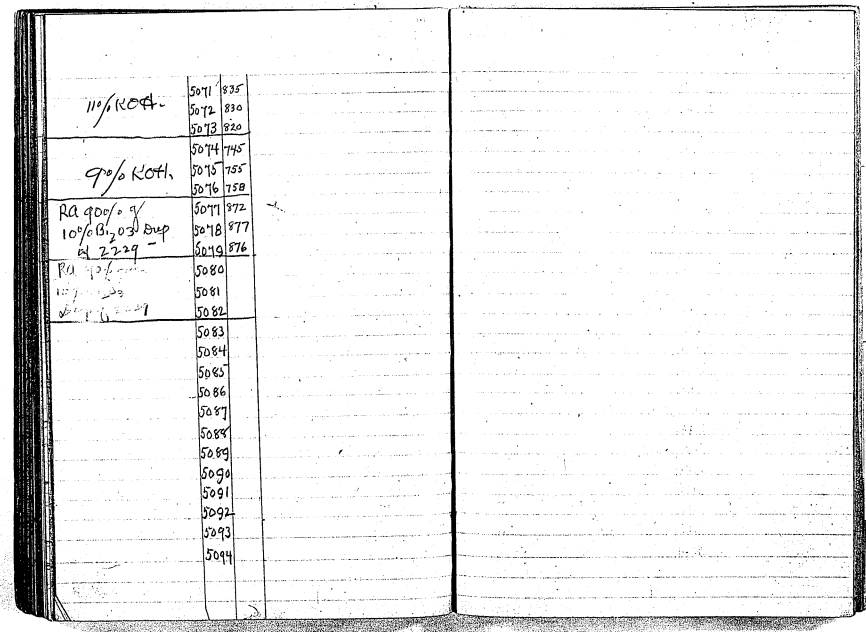


0001 Nf (not H — 10 m 24 yr green weed in 1983 1/2 weed dried low heat. 26x30 - 005 - 4.14?	5000	1001
	5001	1075
	5002	1068
Dup 5000 green weed in 1986 1/2 weed Dried low heat. 4.92	5003	1082
	5004	1070
	5005	1083
Dup of 5000 grade of 1987 1/2 weed Dried high heat 5.39	5006	1042
	5007	1030
	5008	1057
Dup 5000 except green weed of 1992 No weed dried high heat 5.34	5009	1093
	5010	1105
	5011	1111
Dup 5000 bed with green one weed percolation 5.52	5012	1056
	5013	1035
	5014	1083
Duplicate 2 washing powder	5015	1015
	5016	1022
	5017	1057
Dup 5000 4 washing powder	5018	998
	5019	992
	5020	1020
Dup 5000 8 washing powder	5021	993
	5022	1018
	5023	1014



Dup 5000	5024	982
Greensand no RA	5025	967
by 52 — w/No 2244	5026	
Dup 5000	5027	975
Except RA 144	5028	980
Same as used No 2247	5029	978
Reg Mi fl 0001 - Northern H.	5030	981
26X30 - New process	5031	972
005 - Run — 75 Sq ft	5032	956
New process Cuffy 9 run	5033	960
Dup of 5030	5034	980
	5035	973
Dup of 5030.	5036	962
New process from Cuffy	5037	952
Reruns hot one week	5038	962
by mistake		
M 0001 Northern H	5039	1142
26X30 - 35 4 run	5040	1120
005 - Run — 33%	5041	1106
31% KOH	5042	1092
	5043	1085
	5044	1118
	5045	1072
29% KOH	5046	1077
	5047	1081


27% KOH,
5048 1031
5049 1031
5050 1036
25% KOH
5051 1010
5052 1012
5053 1015
23% KOH
5054 990
5055 982
5056 961
21% KOH,
5057 992
5058 982
5059 950
19% KOH,
5060 957
5061 950
5062 943
17%
5063 922
5064 938
5065 907
15% KOH
5066 900
5067 891
5068 866
13% KOH,
5069 872
5070 870


11% KOH.
5071 835
5072 830
5073 820
9% KOH.
5074 745
5075 755
5076 758
Rd 900/0 9/
10% B_2O_3 Dup
5077 872
5078 877
5079 876
5080
5081
5082
5083
5084
5085
5086
5087
5088
5089
5090
5091
5092
5093
5094

All Nickel flake

	5095		
	5096		
	5097		
	5098		
	5099		
Ni flake without 0001 Cut 20/1000 Strips Row 20 holes 24 pr 7 2½ lbs 26X30 hole .005 4 trips turn around	5100		
	5101		
	5102		
Ditto 20/1000 wide	5103		
	5104		
	5105		
Dup of 5100 except 21 Hole stock .005	5106		
	5107		
	5108		
Dup 5103 except use 21 hole stock .005	5109		
	5110		
	5111		
Ni flake ½ Thick without 26X30 holes .005 turn off Req pack 10 of 24 pr 3# 4.24	5112	985	
	5113	986	
	5114	997	
Dup of 5112 Except 9 Ni flake 24 pr 4.37	5115	1005	
	5116	1001	
	5117	1000	
	5118		

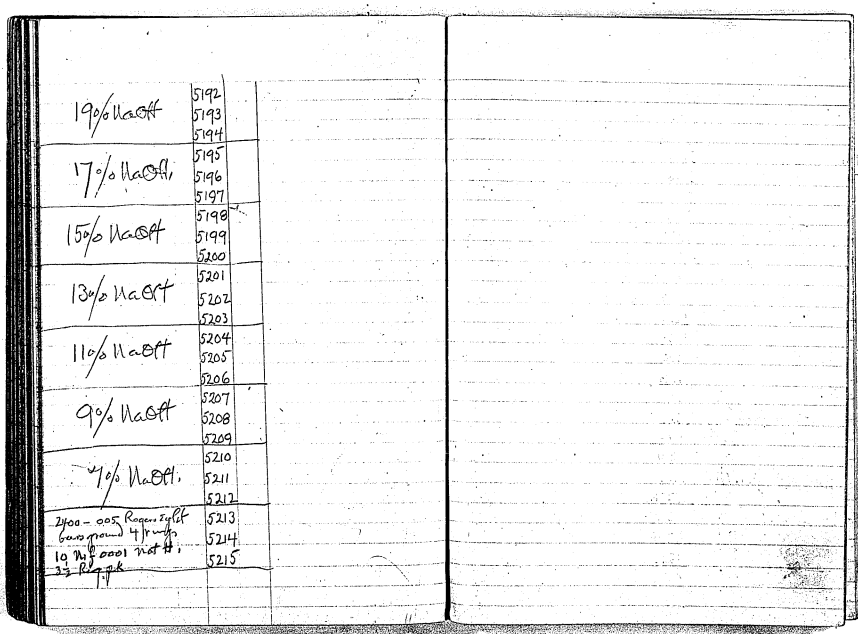
Cod 50

Dup of 5112 Except 8 mflasks ½ thick 24 grm 4.47	5118	998
	5119	986
	5120	996
Dup of 5112 Except 7 mflasks ½ thick 24 grm - 4.60	5121	997
	5122	1002
	5123	1005
Dup 5112 Except 6 mflasks ½ thick 24 gr - 4.81	5124	1020
	5125	1002
	5126	1006
Dup 5112 Except 5 mflasks ½ thick 24 grm 4.93	5127	987
	5128	987
	5129	996
Dup 5112 Except 4 mflasks ½ thick 24 gr 5.07	5130	1007
	5131	982
	5132	995
Dup 5112 Except 3 mflasks ½ thick 24 gr - 5.09	5133	1002
	5134	1000
	5135	995
Mflasks req one[illegible] had been taken out Hydrogen was dark and mflask was 20 26x30 hole 10 for 29 one 4 Rings req per oak	5136	911
	5137	900
	5138	912
Dup 5136 Except 5 Rings	5139	920
	5140	925
	5141	923
	5142	

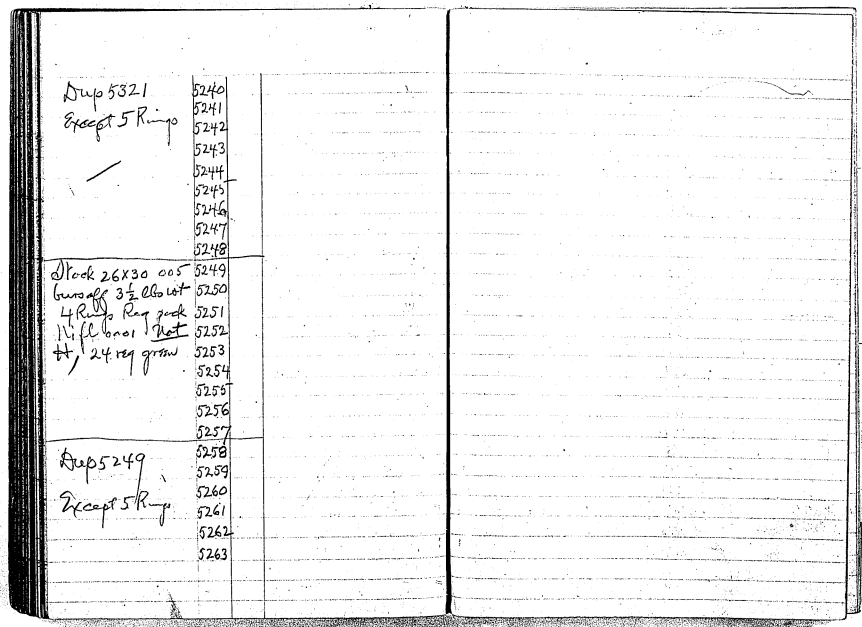
Dup 5136 Except 6 Rmps	5142	900
	5143	918
	5144	915
Rep 0001 Niflole not thio A. 3 lbs cot 26X30 holes .005 burs off - Rep rock 4 rmps	5145	930
	5146	940
	5147	940
Dup 5145 Except 5 Rmps	5148	932
	5149	922
	5150	931
Dup 5145 Except 4 lbs cot 4 rmps	5151	960
	5152	977
	5153	990
Dup 5145 Except 4½ lbs cot 4 rmps	5154	972
	5155	987
	5156	987
Niflole 0001 not thio A. 21 Hole 4 lbs cot 4 rmps	5157	900
	5158	892
	5159	881
Dup 5157 Except 5 Rmps	5160	900
	5161	900
	5162	915
21 Hole .005 Coflake CO 10 of 24 g — one time oper 4 rmps — COBALT Flake	5163	991
	5164	1012
	5165	1007
Dup 5163 Run 10 grm Rep —	5166	1050
	5167	1027

Cut up

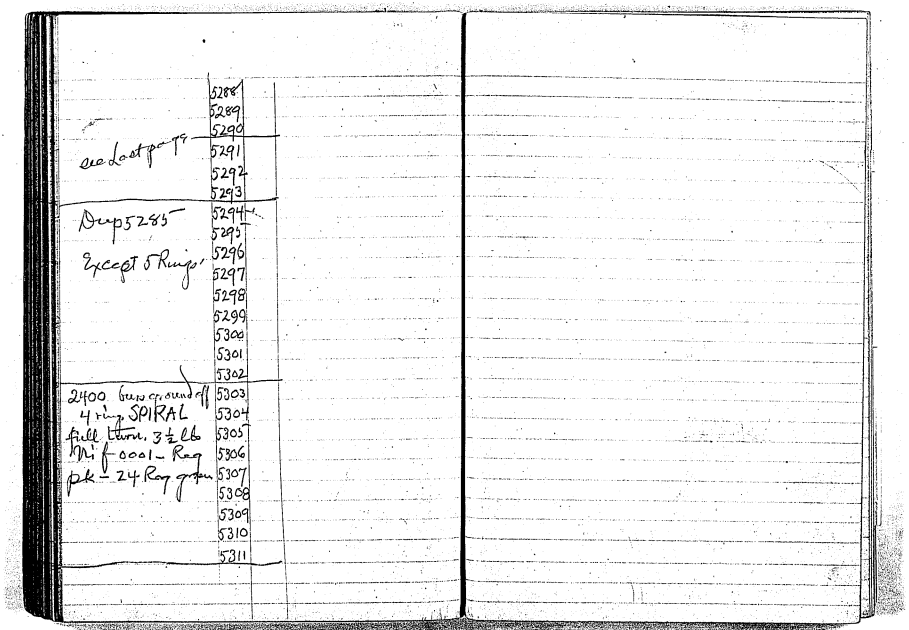
21 Holes .005 - 1/2 hr R-77-10C₀ 24 g	5168 5169 5170	937 970 917
26X30 .005 3 1/2 Elliot 10 Mp .0001 not H₂ 24 g Rem 33% NaOH	5171 5172 5173	
31% NaOH	5174 5175 5176	
29% NaOH	5177 5178 5179	
27% NaOH	5180 5181 5182	
25% NaOH	5183 5184 5185	
23% NaOH	5186 5187 5188	
21% NaOH	5189 5190 5191	


19% NaOH
5192
5193
5194
17% NaOH
5195
5196
5197
15% NaOH
5198
5199
5200
13% NaOH
5201
5202
5203
11% NaOH
5204
5205
5206
9% NaOH
5207
5208
5209
7% NaOH
5210
5211
5212
2400 - 005 Rogers Eglit
Beaupound 4 trays
10 Nov 2001 Net #:
33 Rogers
5213
5214
5215

	5216
	5217
see Last page	5218
	5219
	5220
	5221
Dup 5213	5222
Except 5 Rings -	5223
	5224
	5225
	5226
	5227
	5228
	5229
	5230
2400 005 Burrs	5231
Not ground off	5232
10 ni P 0001 - 3½ Blocks	5233
4 Rings - 24 P	5234
Reg pk flake Not H	5235
	5236
	5237
	5238
	5239


Dup 5321
Except 5 Rmp
5240
5241
5242
5243
5244
5245
5246
5247
5248
Stock 26X30 005
burnish 3½ Obs wt
4 Rmp Req stock
Nifflenol Not
24 req grow
5249
5250
5251
5252
5253
5254
5255
5256
5257
Dup 5249
Except 5 Rmp
5258
5259
5260
5261
5262
5263

	Cold
Dec last pcs[2]	5264
	5265
	5266
Stock 21 holes narrow	5267
005 – 6 ears off –	5268
3½ lbs wt. 4 pcs	5269
Rej ok Flake tool	5270
Not ht, 124 gr	5271
	5272
	5273
	5274
	5275
Drop 5267	5276
	5277
Except 5 Rings –	5278
	5279
	5280
	5281
	5282
	5283
	5284
Stock Big punched holes	5285
005 – id .001	5286
Not ht – Rej ok	5287
3½ wt 24 gross	
Rej	


5288
5289
5290
see Last page
5291
5292
5293
Drop 5285
5294
5295
Except 5 Rings
5296
5297
5298
5299
5300
5301
5302
2400 Brass ground off
4 ring SPIRAL
Full Turn, 3½ lbs
Mf 0001 - Rag
pk - 24 Rag goods
5303
5304
5305
5306
5307
5308
5309
5310
5311

Dup 5303	5312
	5313
Except 26 X30	5314
"	
Spiral one	5315
	5316
Complete turn	5317
	5318
4 Rings —	5319
	5320
21 Hole check .005	5321
Pin Hole not H, 10 ft ⅛	
24 hours neg prock	5322
10 KCP —	5323
Dup 5321	5324
Except punched hole	5325
check	
10 gpm KCP	5326
Punched hole check —	5327
SPIRAL, one Complete turn	5328
Rings ⅛ .0001 not H —	
24 hr reprk 10 gpm KCP	5329
Punched hole check .005 —	5329½
SPIRAL — one complete turn	5330
Rings ⅛ .001 — not H,	
10 ft 24 hrs neg prock 2½	5331
	5332
	5333
	5334

	5335
	5336
	5337
Dup 5329 1/2 Except run 33% KOH	5338
	5339
	5340
Dup 5329 1/2 Except no feeler cut strips 60/1000 wide Run — month	5341
	5342
	5343
Same as 5341 — Except 21 hole slide — SPIRAL —	5344
	5345
	5346
21 Hole slide 005" SPIRAL — one Complete run 3 1/2 10 Hi flakes 24 gr Reg powder 21%	5347
	5348
	5349
	5350
	5351
	5352
	5353
	5354
	5355
21 Hole 005" 10 mg 0001 Nat H- 3 1/2 66 gr Reg ph 24 green Run 33% KOH.	5356
	5357
	5358

31% KOH	5359
	5360
	5361
29% KOH	5362
	5363
	5364
27% KOH,	5365
	5366
	5367
25% KOH	5368
	5369
	5370
23% KOH	5371
	5372
	5373
21% KOH	5374
	5375
	5376
19% KOH	5377
	5378
	5379
17% KOH	5380
	5381
	5382

15% KOH	5383
	5384
	5385
13% KOH	5386
	5387
	5388
11% KOH	5389
	5390
	5391
9% KOH	5392
	5393
	5394
7% KOH	5395
	5396
	5397
21 Hub stock .005" Nickel Nut H. Reg gauge 1 Plate 24 gal 2 Shaft 21% KOH 4 Rings 5 Screw 5 Cap 1 Ring grind Holland for Germany Plate	5398
	5399
	5400
Duplicate of 5398 except 21 hub Spaced Plate 4 rings after 5 Rings gauge Holland	5401
	5402
	5403
26 X 30 Stock .005" Nickel over Nut Plate H. 1 plate 24 gr Reg gauge 4 rings 5 Rings Plain gauge Holland	5404
	5405
	5406

Dup 5404 Except Spiral Lube 5 Runs by Hoogen Lhem goes to Holland	5407 5408 5409
Pumped back stock 005 to 0001 not H – 24 mths rag pouch 3½ lbs of 21% Kott 4 Runs 5 Runs by Hoogen goes to Holland	5410 5411 5412
Dup of 5410 – Except Spiral Lube 5 Runs Lhem goes to Holland	5413 5414 5415
2400 stock 005 to 0001 not H, 24 green label pouch 4 lbs of 21% Kott 5 Runs by Hoogen to Holland	5416 5417 5418
Dup of 5416 Except Spiral Lube goes to Holland 5 Runs	5419 5420 5421

Waste after Feby 5 – all old & new Lubes goes to Holland at 200 or 5 ½ h dressing at 180 then 2 runs 2 ½ mins Daily – solution changed twice during runs – at End.

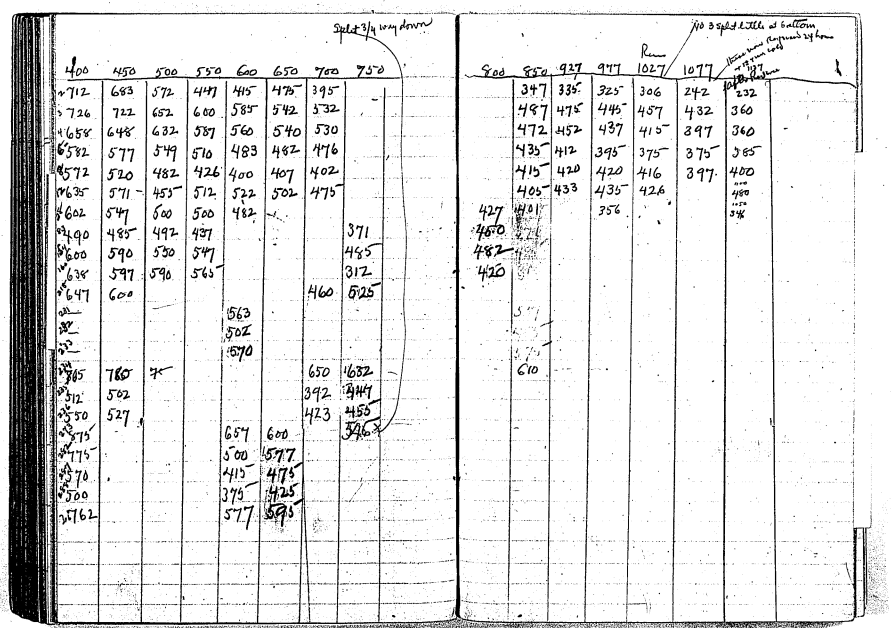
	Cold	50	100	150	200	250	300	350
2	779	747	637	761	725	667	736	775
3	712	682	312	692	732	712	745	749
4	651	665	667	760	740	725	775	717
6	656	622	630	657	645	605	668	620
8	717	735	725	710	665	660	670	615
12	850	806	871	882	875	850	826	753
24	735	767	796	770	803	757	710	665
83	772	822	800	842	757	700	650	550
154	870	927	837	885	852	758	686	630
160	885	865	866	925	937	787	730	687
215	786	777	862	855	873	715	687	676
231	762	657	727	560	487	795	758	742
232	615	630	671	587	438	760	725	692
233	592	722	770	716	607	817	777	730
234	790	811	825	830	875	887	897	852
235	744	792	815	810	831	835	787	635
236	763	830	857	850	853	847	772	668
273	905	957	965	967	943	917	862	867
282	925	972	987	1010	1007	947	858	745
287	938	976	971	975	910	800	732	632
288	971	972	947	927	832	703	590	540
306	793	830	800	530	87	933	858	785

231 = 10%KOH 10%K_2CO_3 changed here to 20% KOH.
232
233

234 Run cold to here then put on heat
235 "
236 "

273 Brucine made (extracted).
282 " 2nd "

306 - Had K_2S to here, Changed Pot from KOH on here



Record of alloys that were under Electrolysis in room 11 for 2 yrs record now in one of the old books —

24 —	3.21	Bright perfect —
25	3.21	attacked —
40 Ni 60 Co		Bright as Silver
22	3.20	not attacked —
29	3.21	Bright — Slight smudge wipes off
28	3.21	"
23	3.21	Bright good —
21	3.20	" Slight smudge wipes off